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This report covers North America and South America. Within each country breakdown summaries are grouped according to the following subject areas: General, Air, Land Use, Noise, Pesticides, Radiation, Solid Waste, Toxic Substances, and Water. Volume 2 of a four volume series that summarizes foreign environmental reports deals with programs and regulations in Bermuda, Canada, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Hondursas, Jamaica, Mexico, Trinidad, Tobago, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Peru, Uruguay, and Venezuela. Since 1972 the U.S. Environmental Protection Agency has been collecting these foreign publications under a series of exchanges, presenting them in a monthly publication, "Summaries of Foreign Government Environmental Reports."

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PREFACE

Since 1972 the U.S. Environmental Protection Agency has been collecting foreign environmental publications under a series of exchanges with national and international organizations. English language summaries of these and other documents relating to foreign environmental developments appear in the monthly publication "Summaries of Foreign Government Environmental Reports," which is available in the EPA Regional and Laboratory Libraries and may also be obtained from NTIS on a subscription basis. The present report contains a selection of summaries which have appeared in the monthly publication to date.

Structure of Report

This report is issued in four volumes. Volume 1 covers Africa, Asia and Australia; Volume 2 North America and South America; Volume 3 Europe (Albania to Greece); and Volume 4 Europe (Hungary to Yugoslavia). Under each continent heading summaries are listed by country arranged in alphabetical order. Within each country breakdown summaries are grouped in the following categories:

legal/legislative/regulatory:	LR(A) - texts of laws and regulations
	LR(B) - commentary on legislation, implementation of laws and regulations
planning/management/organization:	PM(A) - national control organization activities
	PM(B) - activities in specific program areas
socioeconomic:	SE
scientific and technical:	ST

Under these categories, summaries are grouped according to the following subject areas: General, Air, Land Use, Noise, Pesticides, Radiation, Solid Waste, Toxic Substances, Water. A subject index, utilizing these topics, appears at the back of each volume.

Availability of Documents

EPA staff may request the original documents, located in the EPA Headquarters Library in Washington, D.C., by using the order form in back. The documents are not loaned outside the Agency, but others may use them at the Headquarters Library.

Translations

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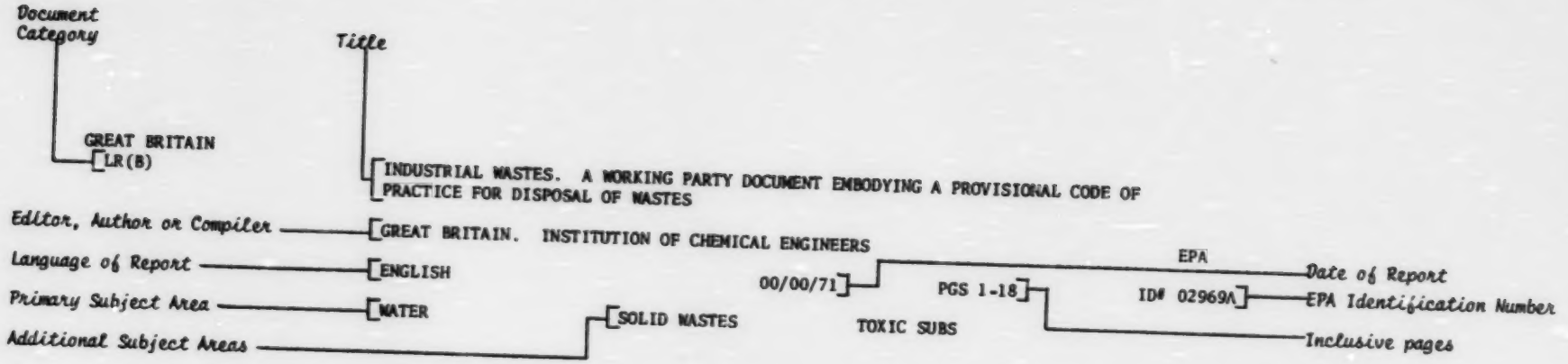
EXPLANATION OF SYMBOLS



Abstract

THIS PUBLICATION, PREPARED BY THE BRITISH INSTITUTION OF CHEMICAL ENGINEERS AT THE SUGGESTION OF THE ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION, PRESENTS A PROVISIONAL CODE OF PRACTICE FOR THE DISPOSAL OF WASTES IN GREAT BRITAIN. AN OVERALL VIEW OF THE PROBLEM OF WASTE DISPOSAL IN GREAT BRITAIN IS GIVEN, INCLUDING COLLECTION AND TRANSPORT, DEPOSIT, PROCESSING AND ADMINISTRATION OF WASTES. BASED ON CURRENT PRACTICES AND EXISTING LEGISLATION APPLICABLE TO WASTE DISPOSAL, THE PUBLICATION DEFINES AND CLASSIFIES WASTES AND FORMULATES A PROVISIONAL CODE OF PRACTICE FOR PRODUCERS, CARRIERS, PROCESSORS AND DEPOSITORS OF WASTES. IT IS EXPECTED THAT NEW DEVELOPMENTS IN WASTE DISPOSAL METHODS AND MORE ADEQUATE WASTE DISPOSAL LAWS WILL RESULT IN FUTURE AMENDMENTS TO THIS CODE, ENDING ITS PRESENT PROVISIONAL NATURE. APPENDIX I TO THE PUBLICATION CONTAINS NOTES ON CLASSIFICATION OF WASTES TAKEN FROM VARIOUS OFFICIAL PUBLICATIONS ON THE HANDLING OF DANGEROUS SUBSTANCES. APPENDIX II CONTAINS SAMPLES OF CERTIFICATES ON WASTE QUALITY AND CONTENT.

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N AM
BERMUDA
LR(A)

"THE OIL POLLUTION ACT 1973." PUBLIC ACTS, 1973

ENGLISH
WATER
00/00/73 PGS 253-260 EPA ID# 03413A

THIS ACT, ISSUED FOR THE PREVENTION AND REDUCTION OF SEA WATER OIL POLLUTION BY THE BERMUDIAN LEGISLATIVE COUNCIL AND HOUSE OF ASSEMBLY, PROHIBITES ALL DISCHARGES OF OIL, OR ANY MIXTURE THEREOF, INTO THE WATERS OF BERMUDA. IN ADDITION, THE ACT LISTS A NUMBER OF EXCEPTIONS OR SPECIAL DEFENSES FOR JUSTIFIABLE VIOLATIONS AND SETS FORTH PENALTIES FOR UNJUSTIFIABLE OFFENSES. THE MINISTER OF MARINE AND AIR SERVICES IS CHARGED WITH THE IMPLEMENTATION OF THE LAW.

CANADA
( )

"NON-POLLUTING USE FOUND FOR WASTE LUBRICATING OIL." ENVIRONMENT CANADA PRESS RELEASE
CANADA. ENVIRONMENT CANADA
ENGLISH
TOXIC SUBS
10/28/75 PGS 1 3 ST EPA ID# 03421A

A JOINT STATEMENT ISSUED BY THE CANADIAN ENVIRONMENT MINISTER JEANNE SAUVE, ENERGY MINISTER ALASTAIR GILLESPIE, AND ONTARIO ENVIRONMENT MINISTER GEORGE KERR ANNOUNCES THE DISCOVERY OF A NON-POLLUTING USE FOR WASTE LUBRICATING OIL. USED LUBRICATING OIL THAT CAUSED PERSISTENT POLLUTION PROBLEMS WHEN DUMPED INTO SEWER SYSTEMS OR SPRAYED ON GRAVEL ROADS, HAS BEEN FOUND TO BE A SUITABLE FUEL FOR THE CEMENT INDUSTRY. INVESTIGATIONS CARRIED OUT BY ENVIRONMENT CANADA AND THE ONTARIO MINISTRY OF THE ENVIRONMENT HAVE REVEALED THAT THE POLLUTION PROBLEMS INHERENT IN BURNING USED LUBRICATING OIL OR DISPOSING OF IT BY OTHER MEANS CAN BE AVOIDED BY USING IT AS A SUPPLEMENTARY FUEL TO FIRE CEMENT KILNS. THIS CURRENT FORM OF WASTE COULD SUPPLY 15 PERCENT OF THE FUEL REQUIREMENTS OF THE CANADIAN CEMENT INDUSTRY, ALTHOUGH A NUMBER OF DRAWBACKS PREVENT ITS USE AS A FUEL FOR DOMESTIC AND COMMERCIAL HEATING.

CANADA
LR(A)

CANADA CLEAN AIR ACT, CAN. STAT. C. 47

ENGLISH
ALSO FRENCH
AIR
00/00/71 PGS 951-979 EPA ID# 00356A

ACT, "RELATING TO AMBIENT AIR QUALITY AND TO THE CONTROL OF AIR POLLUTION," EMPOWERS THE MINISTER OF FISHERIES AND FORESTRY TO ESTABLISH, OPERATE, AND MAINTAIN A SYSTEM OF AIR POLLUTION MONITORING STATIONS THROUGHOUT CANADA, TO COLLECT AIR POLLUTION DATA FOR PUBLICATION, CONDUCT RESEARCH AND DRAW UP PLANS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION. THE ACT ALSO AUTHORIZES THE GOVERNOR IN COUNCIL TO PRESCRIBE AS NATIONAL AMBIENT AIR QUALITY OBJECTIVES THOSE FORMULATED BY THE MINISTER AND TO ESTABLISH NATIONAL EMISSION STANDARDS AND SET STANDARDS FOR FUELS AND ADDITIVES USED IN THE OPERATION OF FEDERAL ENTERPRISES.

N AM
CANADA
LR(A)

"JULY 30, 1974 LEADED GASOLINE REGULATIONS." CANADA GAZETTE ANNOUNCEMENTS--
CLEAN AIR ACT, NO. 11
ENVIRONMENT CANADA, COMP.
ENGLISH*
*ALSO FRENCH
AIR
08/14/74 PGS 19-21 EPA ID# 00356B

THESE REGULATIONS, REPRINTED FROM THE CANADA GAZETTE (PART II, VOL. 108, NO. 15), PRESCRIBE THE MAXIMUM PERMISSIBLE CONCENTRATION OF LEAD IN GASOLINE TO WHICH LEAD HAS BEEN ADDED DURING THE PRODUCTION PROCESS. AS OF JANUARY 1, 1976, LEAD CONCENTRATION SHALL NOT EXCEED 3.5 GRAMS PER IMPERIAL GALLON. ALSO, THE REGULATIONS STATE THAT ANY PERSON WHO, AFTER SEPTEMBER 30, 1974, HAS PRODUCED GASOLINE IN CANADA FOR USE OR SALE IN CANADA OR HAS IMPORTED GASOLINE INTO CANADA MUST SUBMIT TO THE MINISTER OF THE ENVIRONMENT QUARTERLY REPORTS OF PRODUCTION AND LEAD CONCENTRATION IN THAT GASOLINE. A SAMPLE OF THE REPORTING FORM IS INCLUDED IN THE REGULATIONS.

CANADA
LR(A)

"CEMENT INDUSTRY NATIONAL EMISSION GUIDELINES." CANADA GAZETTE ANNOUNCEMENTS--
CLEAN AIR ACT, NO. 12
ENVIRONMENT CANADA, COMP.
ENGLISH*
*ALSO FRENCH
AIR
10/12/74 PGS 22-27 EPA ID# 00356C

THIS REPRINT FROM THE CANADA GAZETTE SETS FORTH NATIONAL EMISSION GUIDELINES FOR CEMENT PRODUCING PLANTS, ISSUED BY THE DEPARTMENT OF THE ENVIRONMENT ON THE ADVICE OF THE PROVINCIAL GOVERNMENTS AND THE PORTLAND CEMENT ASSOCIATION. AS OF OCTOBER 1, 1974, THE AMOUNT OF PARTICULATE MATTER EMITTED FROM ANY NEW PLANT, MEASURED IN POUNDS PER TON OF PRODUCED OR CONSUMED CLINKER (INTERMEDIATE PRODUCT PRODUCED BY HEATING RAW MATERIALS IN A KILN) IS NOT TO EXCEED 0.1 - 0.9, DEPENDING ON THE PARTICULAR SOURCE. AS OF DECEMBER 1, 1979 EXISTING PLANTS ARE NOT TO EMIT MORE THAN 0.1-1.6 POUNDS OF PARTICULATES PER TON OF CLINKER. PROVINCIAL AIR POLLUTION CONTROL AGENCIES MAY USE THESE GUIDELINES AS MINIMUM STANDARDS FOR PLANTS UNDER THEIR JURISDICTIONS. IN ADDITION, EMISSION TESTING IS TO BE CONDUCTED BY CEMENT PLANTS, WITH RESULTS SUBMITTED TO AN INSPECTOR DESIGNATED BY THE APPROPRIATE REGULATORY AGENCY. A SAMPLE FORM OF DATA TO BE RECORDED BY THE PLANTS IS PROVIDED.

N AM
CANADA
LR(A)

"AMBIENT AIR QUALITY OBJECTIVES, NO. 2." DEPARTMENTAL MANUAL OF ACTS AND REGULATIONS--AMENDMENT LIST
CANADA. ENVIRONMENT CANADA
ENGLISH*
*ALSO FRENCH
AIR
03/17/75 PGS 85.1-85.4 EPA ID# 00356D

THIS AMENDMENT TO THE CANADIAN CLEAN AIR ACT CONCERNS AMBIENT AIR QUALITY STANDARDS FOR NITROGEN DIOXIDE. SCHEDULE I OF THE AMENDMENT DEFINES "DESIRABLE" AIR QUALITY AS CONTAINING 0-60 MICROGRAMS OF NITROGEN DIOXIDE PER CUBIC METER ANNUAL ARITHMETIC MEAN. "ACCEPTABLE" AIR QUALITY RELATIVE TO NITROGEN DIOXIDE CONSTITUTES 0-100 MICROGRAMS PER CUBIC METER ANNUAL ARITHMETIC MEAN, 0-200 MICROGRAMS PER CUBIC METER AVERAGE CONCENTRATION OVER A 24-HOUR PERIOD, OR 0-400 MICROGRAMS PER CUBIC METER AVERAGE CONCENTRATION OVER A ONE-HOUR PERIOD. THE AMENDMENT ALSO PRESCRIBES THE ACCEPTABLE METHODS OF MEASUREMENT OF NITROGEN DIOXIDE CONCENTRATIONS.

CANADA
LR(A)

"LEAD-FREE GASOLINE REGULATIONS." CANADA GAZETTE PART II, VOL. 107, NO. 21

ENGLISH*
*ALSO FRENCH
AIR
11/14/73 PGS 2703 EPA ID# 00356E

THESE REGULATIONS PRESCRIBE FOR THE PURPOSES OF SECTION 22 OF THE CLEAN AIR ACT THE MAXIMUM CONCENTRATIONS OF LEAD IN GASOLINE REPRESENTED AS LEAD-FREE TO BE 0.06 G. PER IMPERIAL GALLON AS MEASURED IN ACCORDANCE WITH THE PRESCRIBED METHOD. SIMILARLY, THE MAXIMUM CONCENTRATION OF PHOSPHORUS IN GASOLINE REPRESENTED AS PHOSPHORUS-FREE IS TO BE 0.006 G. PER IMPERIAL GALLON.

CANADA
LR(A)

"PROPOSED NATIONAL EMISSION STANDARD REGULATIONS FOR ASBESTOS MINING AND MILLING." CANADA GAZETTE, PART I, DECEMBER 13, 1975

ENGLISH*
*ALSO FRENCH
AIR
12/13/75 PGS 5336-40 EPA ID# 00356F

PROPOSED REGULATIONS PURSUANT TO SUBSECTION 7(1) OF THE CANADIAN CLEAN AIR ACT PRESCRIBE THAT THE MAXIMUM CONCENTRATION OF ASBESTOS FIBERS THAT MAY BE EMITTED INTO THE AMBIENT AIR FROM THE OPERATION OF ASBESTOS MINES AND MILLS MAY NOT EXCEED TWO ASBESTOS FIBERS PER CUBIC CENTIMETER, MEASURED IN ACCORDANCE WITH THE STANDARD TESTING METHOD OR OTHER TESTING METHODS APPROVED BY THE DEPARTMENT OF THE ENVIRONMENT. AN INTRODUCTION TO THESE PROPOSED REGULATIONS EXPLAINS THE BACKGROUND AND OTHER FACTORS LEADING TO THE FORMULATION OF THE REGULATIONS, AND THE TEXT OF THE REGULATIONS CONTAINS SECTIONS ON THE APPLICATION OF THE ASBESTOS FIBER EMISSION STANDARD, THE TEMPORARY SUSPENSION OF THE STANDARD IN CASE OF MALFUNCTION OR BREAKDOWN OF EQUIPMENT, EMISSION TESTING AND EMISSION TESTING WAIVERS, AND THE KEEPING OF RECORDS ON EMISSION TESTING AND MALFUNCTIONS OR BREAKDOWNS IN ACCORDANCE WITH THE FORMS PROMULGATED IN SCHEDULES I AND II TO THE REGULATIONS.

N AM
CANADA
LR(A)

THE CLEAN AIR ACT - REGULATIONS AND GUIDELINES COMPILATION 1
CANADA. ENVIRONMENT CANADA
ENGLISH* 09/00/75 PGS 1-29 EPA ID# 00356G
*ALSO FRENCH
AIR

REGULATIONS AND GUIDELINES ISSUED PURSUANT TO THE CANADA CLEAN AIR ACT ARE COLLECTED IN THIS COMPILATION AND INCLUDE THE FOLLOWING: AMBIENT AIR QUALITY OBJECTIVES FOR SULFUR DIOXIDE, SUSPENDED PARTICULATE MATTER, CARBON MONOXIDE AND OXIDANTS (OZONE); AMBIENT AIR QUALITY OBJECTIVES FOR NITROGEN DIOXIDE; LEAD-FREE GASOLINE REGULATIONS; LEADED GASOLINE REGULATIONS WITH AMENDMENT; CEMENT INDUSTRY NATIONAL EMISSION GUIDELINES; ASPHALT PAVING INDUSTRY NATIONAL EMISSION GUIDELINES; AND METALLURGICAL COKE MANUFACTURING INDUSTRY NATIONAL EMISSION GUIDELINES. REGULATIONS AND GUIDELINES ARE REPRINTED IN THE SAME FORMAT IN WHICH THEY ORIGINALLY APPEAR IN THE CANADA GAZETTE WITH THE APPROPRIATE ISSUE NUMBER AND DATE OF EACH.

CANADA
LR(A)

SASKATCHEWAN (CANADA) AIR POLLUTION CONTROL ACT, SASKATCHEWAN REV. STAT., C. 267
ENGLISH 00/00/65 PGS 4358-4365 EPA ID# 00357A
AIR

THIS ACT EMPOWERS THE LIEUTENANT GOVERNOR IN COUNCIL TO MAKE REGULATIONS FOR THE CONTROL OF AIR POLLUTION. THESE REGULATIONS MAY PRESCRIBE THE PERMISSABLE DENSITY OF AIR POLLUTION, PROHIBIT OR LIMIT ANY TYPE OF INCINERATION, AS WELL AS CONTROL THE OPERATION OF INTERNAL COMBUSTION ENGINES. THE ACT PROVIDES THAT THE MINISTER OF HEALTH MAY ASSIST MUNICIPAL OFFICIALS IN DEVELOPING APPROPRIATE PROGRAMS, INVESTIGATE PROBLEMS OF POLLUTION CONTROL, AND RECOMMEND PROCEDURES FOR DETERMINING AMOUNTS OF POLLUTION AND NECESSARY CONTROL. THE ACT ALSO PROVIDES FOR AN AIR POLLUTION ADVISORY COMMITTEE TO GIVE COUNSEL ON THE REGULATION, CONTROL, AND EFFECTS OF AIR POLLUTION.

CANADA
LR(A)

MOTOR VEHICLE ACT, CAN.REV.STAT. C. 26 (1ST. SUPP. 1970) MOTOR VEHICLE SAFETY REGULATIONS, S.O.R./70-487 104 CAN.GAZ.PT. II
ENGLISH 11/25/70 PGS 1245-1247 EPA ID# 00358A
ALSO FRENCH,ALSO 1320-1322
AIR

SCHEDULE E OF THIS REGULATION DEFINES CRANKCASE EMISSIONS, EXHAUST EMISSIONS, AND EVAPORATIVE EMISSIONS. IT PROSCRIBES THE DISCHARGE OF CRANKCASE EMISSIONS INTO THE ATMOSPHERE AND LIMITS EVAPORATIVE EMISSIONS FROM A GASOLINE-POWERED LIGHT-DUTY VEHICLE TO 6 GRAMS OF HYDROCARBONS. THE REGULATION FURTHER LIMITS HYDROCARBON EXHAUST EMISSIONS TO 2.2 GRAMS PER MILE FOR A LIGHT-DUTY VEHICLE AND 275 PARTS PER MILLION BY VOLUME FOR A HEAVY-DUTY VEHICLE AND 1.5 PERCENT PER VOLUME FOR A HEAVY-DUTY VEHICLE. THE OPACITY OF THE EXHAUST EMISSIONS OF A DIESEL-POWERED VEHICLE SHOULD NOT EXCEED 40 PERCENT DURING ACCELERATION AND 20 PERCENT DURING LUGGING. THE REGULATION ALSO PROVIDES FOR THE DETERMINATION OF COMPLIANCE BY MEANS OF APPROVED TEST METHODS.

N AM
CANADA
LR(A)

"MOTOR VEHICLES SAFETY ACT. MOTOR VEHICLE SAFETY REGULATIONS AMENDED." (SOR/71 484). CANADA GAZETTE, PART 2, V. 105, N. 19.

ENGLISH
ALSO FRENCH
AIR

10/13/71 PGS 1699 EPA ID# 003598

SECTION 1105 OF SCHEDULE E TO MOTOR VEHICLE SAFETY REGULATIONS (SOR/70-487) IS AMENDED TO REQUIRE THAT EVAPORATIVE EMISSIONS FROM A GASOLINE POWERED LIGHT DUTY VEHICLE WITH AN ENGINE CAPACITY OF 50 CUBIC INCHES OR MORE SHALL NOT EXCEED TWO GRAMS OF HYDROCARBONS. THE NEW REGULATION, ISSUED ON SEP 14, 1971 BY THE MINISTER OF TRANSPORT THROUGH THE GOVERNOR IN COUNCIL, IS TO TAKE EFFECT ON JAN 1, 1972.

CANADA
LR(A)

"MOTOR VEHICLE SAFETY ACT. MOTOR VEHICLE SAFETY REGULATIONS, AMENDMENT." (SOR 72-248). CANADA GAZETTE, PART 2, V. 106, NO. 14

ENGLISH*
*ALSO FRENCH
AIR NOISE

07/26/72 PGS 1026-1027 EPA ID# 00358C

THIS AMENDMENT CHANGES THE FOLLOWING SECTIONS OF SCHEDULE E OF THE MOTOR VEHICLE SAFETY REGULATIONS TO READ AS INDICATED: 1) SECTION 1100 IS AMENDED TO ADD THE FOLLOWING DEFINITION: "'OXIDES OF NITROGEN' MEANS THE SUM OF THE NITRIC OXIDE AND NITROGEN DIOXIDE THAT WOULD BE CONTAINED IN A GAS IF THE NITRIC OXIDE WERE IN THE FORM OF NITROGEN DIOXIDE;" 2) ALL OF SECTION 1103 PRECEDING PARAGRAPH (A) IS AMENDED TO READ: "1103. THE HYDROCARBON MONOXIDE AND OXIDES OF NITROGEN CONTENT OF THE EXHAUST EMISSIONS FROM A GASOLINE POWERED VEHICLE ENGINE SHALL NOT EXCEED"; AND 3) AN ADDITIONAL PARAGRAPH IS ADDED TO SECTION 1103 WHICH READS AS FOLLOWS: "(C) IN THE CASE OF OXIDES OF NITROGEN, 3.0 GRAMS PER VEHICLE MILE AS DETERMINED BY THE APPROVED TRUE MASS MEASUREMENT PROCEDURE FOR A LIGHT DUTY VEHICLE." THIS AMENDMENT ALSO ADDS AN ADDITIONAL SECTION 1106 CONCERNING NOISE REQUIREMENTS FOR AUTOMOBILES TO SCHEDULE E OF THE REGULATIONS.

CANADA
LR(A)

"CANADA SHIPPING ACT. AIR POLLUTION REGULATIONS" (SOR/64-97). CANADA GAZETTE, PART 2, V. 98, N. 6.

ENGLISH
ALSO FRENCH
AIR

03/24/64 PGS 291-294 EPA ID# 01661A

THESE REGULATIONS, ISSUED BY THE MINISTER OF TRANSPORT ON FEB 28, 1964, APPLY TO SHIPS IN CANADIAN WATERS WIHIN ONE MILE OF LAND. FIVE CATEGORIES OF SMOKE DENSITY ARE ESTABLISHED, RANGING FROM 20 PERCENT OPACITY (N. 1) TO 100 PERCENT OPACITY (N. 5). SHIPS ARE GENERALLY PROHIBITED FROM EMITTING SMOKE WITH DENSITY GREATER THAN N. 1, BUT MAY EMIT SMOKE OF DENSITY N. 2 FOR UP TO FOUR MINUTES IN ANY HALF-HOUR PERIOD. SHIPS WITH HAND-FIRED BOILERS MAY EMIT SMOKE OF DENSITY N. 2, BUT MAY NOT EXCEED DENSITY N. 3 FOR MORE THAN NINE MINUTES, OR DENSITY N. 4 FOR MORE THAN THREE MINUTES IN A HALF-HOUR PERIOD. THESE REGULATIONS DO NOT APPLY WHEN NEW FIRES ARE BEING LIT, SOOT IS BEING BLOWN, OR UNDER EMERGENCY CONDITIONS, PROVIDING ALL PRECAUTIONS TO MINIMIZE EMISSIONS ARE TAKEN. SOOT MAY NOT BE BLOWN WITHIN 1,000 YARDS OF LAND UNLESS THIS IS UNAVOIDABLE. INSPECTORS MAY BOARD ANY SHIP IN CANADIAN WATERS TO ENFORCE THESE REGULATIONS. VIOLATORS ARE SUBJECT TO A 500 DOLLAR FINE AND SIX MONTHS IN JAIL.

N AM
CANADA
LR(B)

"ONTARIO LOWERS AIR QUALITY STANDARDS." DEPARTMENT OF STATE AIRGRAM. AMEMBASSY OTTAWA. A-645
UNITED STATES. DEPARTMENT OF STATE
ENGLISH 12/13/74 PGS 1-6 EPA ID# 02487A
AIR

THIS ARTICLE REPORTS THAT THE ONTARIO PROVINCIAL GOVERNMENT HAS MODIFIED SOME OF ITS CLEAN AIR REGULATIONS. LOCAL PRESS ARTICLES REPORT THE FOLLOWING CHANGES: 1. THE MAXIMUM PERMISSIBLE 24-HOUR AVERAGE OF PARTICLES PER CUBIC METER OF CITY AIR HAS BEEN INCREASED FROM 90 TO 120 MICROGRAMS, SINCE THE PREVIOUS LEVEL PROVED UNREALISTIC. 2. THE LEGAL LIMIT FROM A FIXED SOURCE REMAINS UNCHANGED AT A ONE-HALF-HOUR AVERAGE OF 100 MICROGRAMS. 3. CADMIUM EMISSION STANDARDS HAVE BEEN HALVED TO A HALF-HOUR AVERAGE OF FIVE MICROGRAMS PER CUBIC METER OF AIR. THE NEW AMBIENT AIR QUALITY LEVEL IS A 24-HOUR AVERAGE OF TWO MICROGRAMS. 4. HYDROGEN CHLORIDE AND NITRIC ACID EMISSION LEVELS WERE REDUCED SINCE THE OLD STANDARDS WERE FOUND TO BE TOO STRINGENT. 5. GUIDELINES, RATHER THAN REGULATIONS, WERE ISSUED FOR VINYL CHLORIDE AIR LEVELS, BUT U.S.-CANADIAN RESEARCH MAY LEAD TO LEGAL LIMITS FOR THIS SUBSTANCE. 6. BERYLLIUM EMISSION LEVELS HAVE BEEN RAISED FROM .01 TO .03 MICROGRAMS. THE NEW STANDARDS WERE ANNOUNCED NOVEMBER 26.

CANADA
LR(A)

ALBERTA (CANADA) ENVIRONMENT CONSERVATION ACT, ALBERTA STAT. C. 36 (1970)
AMENDED BY THE DEPARTMENT OF ENVIRONMENT ACT, ALBERTA STAT., C. 24
ENGLISH 00/00/71 PGS EPA ID# 00364A
GENERAL

THIS ACT ESTABLISHES THE ENVIRONMENT CONSERVATION AUTHORITY AND SETS AS ITS RESPONSIBILITY THE REVIEWING OF PROVINCIAL GOVERNMENTAL POLICIES AND PROGRAMS ON ENVIRONMENTAL CONSERVATION, MAKING RECOMMENDATIONS TO THE LIEUTENANT GOVERNOR IN COUNCIL, HOLDING PUBLIC HEARINGS, REFERRING PERTINENT ENVIRONMENTAL MATTERS TO THE DEPARTMENT OF THE ENVIRONMENT. THE AUTHORITY MAY MAKE SUCH RULES AS NECESSARY FOR THE CARRYING OUT OF ITS FUNCTIONS.

CANADA
LR(A)

MANITOBA (CANADA) CLEAN ENVIRONMENT ACT, MANITOBA REV. STAT., C. C130 (1970);
AMENDED BY 1970, C. 62
ENGLISH 00/00/70 PGS EPA ID# 00365A
GENERAL

THIS ACT AND ITS AMENDMENT ASSIGN TO THE CLEAN ENVIRONMENT COMMISSION "GENERAL SUPERVISION AND CONTROL OVER ALL MATTERS RELATING TO THE PRESERVATION OF THE NATURAL ENVIRONMENT AND THE PREVENTION AND CONTROL OF CONTAMINATION OF THE ENVIRONMENT" BY ANY SUBSTANCE, GASEOUS, LIQUID OR SOLID. THE ACT PROVIDES THAT NO CONTAMINANT MAY BE INTRODUCED INTO THE AIR, SOIL OR WATER WITHOUT A LICENSE, BUT EXEMPTS FROM THIS PROVISION DOMESTIC FAMILY RESIDENCES, LOCALLY AUTHORIZED ACTIVITIES, AND CERTAIN OTHER CONTAMINATING ACTIVITIES. THE GENERAL POWERS AND DUTIES OF THE COMMISSION, INCLUDING THE APPOINTMENT AND RESPONSIBILITIES OF INSPECTORS, ARE DELINEATED.

N AM
CANADA
LR(A)

NEW BRUNSWICK (CANADA) CLEAN ENVIRONMENT ACT. NEW BRUNSWICK STAT.. C. 3

ENGLISH
GENERAL

00/00/71 PGS 4-10 EPA ID# 00366A

THE ACT ASSIGNS RESPONSIBILITY FOR ENVIRONMENTAL MATTERS TO THE MINISTER OF FISHERIES AND ENVIRONMENT AND AUTHORIZES THE LIEUTENANT GOVERNOR IN COUNCIL TO PROHIBIT, RESTRICT, OR LIMIT CONTAMINATION OF THE AIR, SOIL, OR WATERS. THE LATTER IS DIRECTED TO ESTABLISH AN ENVIRONMENTAL COUNCIL TO STUDY, INVESTIGATE AND REPORT ON ANY MATTER COMING WITHIN THE PURVIEW OF THIS ACT. THE MINISTER MAY DESIGNATE AN INSPECTOR AND ANALYST TO AID IN THE ENFORCEMENT OF THE ACT OR TO EXAMINE SAMPLES SUBMITTED BY AN INSPECTOR. THE GOVERNOR MAY MAKE REGULATIONS PRESCRIBING CONTAMINANTS AND WASTES, STANDARDS FOR THEIR DISCHARGE, EMISSION OR DEPOSIT, AND THE FORM OF AND MANNER IN WHICH LICENSES MAY BE ISSUED OR WITHDRAWN.

CANADA
LR(A)

NOVA SCOTIA (CANADA) ENVIRONMENTAL POLLUTION CONTROL ACT. NOVA SCOTIA STAT.. C. 4

ENGLISH
GENERAL

00/00/70 PGS 17-21 EPA ID# 00367A

THE ACT ESTABLISHES THE ENVIRONMENTAL POLLUTION COUNCIL AND CHARGES IT WITH INVESTIGATING ANY ACTIVITY OR SITUATION THAT CAUSES OR APPEARS TO CAUSE POLLUTION, PREPARING PLANS AND PROGRAMS TO ELIMINATE OR REDUCE POLLUTION, AND TO COORDINATE POLLUTION CONTROL EFFORTS WITH OTHER PROVINCIAL OFFICES AND WITH PUBLIC AND PRIVATE BODIES. UNDER THE PROVISIONS OF THIS ACT, THE APPROPRIATE MINISTER IN THE EXECUTIVE COUNCIL MAY DIRECT THE NOVA SCOTIA WATER RESOURCES COMMISSION TO INVESTIGATE THE INCIDENCE OR LIKELIHOOD OF POLLUTION AND TO TAKE REMEDIAL ACTION.

CANADA
LR(A)

ONTARIO (CANADA) ENVIRONMENTAL PROTECTION ACT, 1971, ONTARIO STAT.. C. 86

ENGLISH
GENERAL

00/00/71 PGS 705-740 EPA ID# 00368A

UNDER THE PROVISIONS OF THIS ACT, THE MINISTER OF THE ENVIRONMENT IS RESPONSIBLE FOR THE PROTECTION AND CONSERVATION OF THE NATURAL ENVIRONMENT AND THE AIR, LAND, AND WATER OF THE PROVINCE. HIS DUTY IS TO INVESTIGATE PROBLEMS OF POLLUTION, WASTE MANAGEMENT, WASTE DISPOSAL, AND LITTER MANAGEMENT AND DISPOSAL; TO CONDUCT RESEARCH PERTINENT TO CONTAMINANTS AND POLLUTION; TO COLLECT AND PUBLISH RELEVANT DATA; AND TO ENTER INTO AGREEMENTS FOR THE PROTECTION AND CONSERVATION OF THE ENVIRONMENT. THE ACT SPECIFIES THE AMOUNT OF CONTAMINANTS THAT MAY BE ADDED TO THE ENVIRONMENT AND PROHIBITS THE CONSTRUCTION OR MODIFICATION OF PLANTS AND PROCESSES LIKELY TO CONTAMINATE THE ENVIRONMENT, WITHOUT APPROVAL OF SUCH PLANS. IT FURTHER REQUIRES MOTORS AND MOTOR VEHICLES TO BE EQUIPPED WITH ANTI-POLLUTION DEVICES. THE ENVIRONMENTAL COUNCIL IS DIRECTED TO ADVISE THE MINISTER ON CURRENT RESEARCH.

N AM
CANADA
LR(A)

NEWFOUNDLAND (CANADA) CLEAN AIR, WATER AND SOIL AUTHORITY ACT 1970, NEWFOUNDLAND STAT. C. 81 (1970)

ENGLISH
GENERAL AIR WATER RADIATION 00/00/70 PGS 437-458 EPA ID# 00369A

THIS ACT IS DESIGNED "TO PROVIDE FOR THE ABATEMENT AND CONTROL OF POLLUTION OF AIR, SOIL AND WATER AND FOR THE CONSERVATION AND USE OF WATER AS A NATURAL RESOURCE OF THE PROVINCE; TO PROVIDE AN AID TOWARDS THE CENTRALIZATION AND COORDINATION OF MULTIFORM CONTROLS OVER THE USE OF WATER GENERALLY BY THE CREATION OF AN AUTHORITY AS AN ARM OF GOVERNMENT". THE MINISTER OF MINES, AGRICULTURE AND RESOURCES IS CHARGED WITH THE ADMINISTRATION OF THIS ACT. THE LIEUTENANT GOVERNOR IN COUNCIL IS GRANTED THE POWER, HEREUNDER, TO ISSUE REGULATIONS FOR THE INSPECTING AND TESTING OF SOIL, AIR, AND BODIES OF WATER, TO SET POLLUTION STANDARDS, TO MAKE RULES ON SEWAGE AND INDUSTRIAL WASTE EFFLUENTS, TO CONDUCT INVESTIGATIONS OF COMPLAINTS OF AIR AND WATER POLLUTION AND TO PROVIDE FOR WATER-USE LICENSES. CONTAMINATION BY RADIOACTIVE SUBSTANCES ALSO COME UNDER THE PURVIEW OF THIS ACT.

CANADA
LR(B)

ENVIRONMENT AND THE LAW

ENGLISH
ALSO FRENCH
GENERAL 03/00/72 PGS 1-24 EPA ID# 00979A

THIS PAMPHLET, PREPARED BY THE INFORMATION AND CONSUMER BRANCH OF ENVIRONMENT CANADA, SUMMARIZES ENVIRONMENTAL JURISDICTIONS AND RECENT FEDERAL ANTIPOLLUTION LEGISLATION IN CANADA. IT DISCUSSES THE ORIGINS AND PURPOSE OF ENVIRONMENT CANADA, A DEPARTMENT CREATED BY THE FEDERAL GOVERNMENT IN JUNE 1971. THIS DEPARTMENT HAS THE RESPONSIBILITY FOR INITIATING GOVERNMENT-WIDE PROGRAMS AND FOR COORDINATING EFFORTS RELATED TO ENVIRONMENTAL PROTECTION. IT ALSO PROVIDES SPECIALIST ADVISORY SERVICES TO OTHER DEPARTMENTS.

CANADA
LR(B)

"CONSTITUTIONAL JURISDICTION OVER ENVIRONMENTAL MANAGEMENT IN CANADA."
UNIVERSITY OF TORONTO LAW JOURNAL, V. 23, NO. 1
GIBSON, DALE
ENGLISH
ALSO PMA
GENERAL 00/00/73 PGS 54-87 EPA ID# 01808A

THIS PAPER SEEKS TO PROVIDE AN EXPLANATION OF HOW THE PRESENT CANADIAN CONSTITUTION DIVIDES JURISDICTION OVER ENVIRONMENTAL MANAGEMENT BETWEEN FEDERAL AND PROVINCIAL AUTHORITIES AND TO OFFER COMMENTS ON THE EFFICACY OF THE CURRENT ARRANGEMENT TO HANDLE PROBLEMS THAT LIE AHEAD. THE RESPECTIVE FIELDS OF COMPETENCY IN ENVIRONMENTAL MANAGEMENT ARE DISCUSSED IN TERMS OF OWNERSHIP OF NATURAL RESOURCES, MINING, LUMBERING, WILDLIFE AND FISH, AGRICULTURE, LAND RECLAMATION AND ABANDONMENT, WEATHER FORECASTING AND WEATHER MODIFICATION, RECREATION AND LEISURE ACTIVITIES, TRANSPORTATION AND ELECTRIC POWER, MULTIPLE-USE OF WATER, HOUSING AND URBAN PLANNING, VISUAL POLLUTION, AND RESOURCE POLLUTION. THE MOST CLEARCUT CONCLUSION DRAWN BY THE AUTHOR IS THAT ENVIRONMENTAL MANAGEMENT IS NOT A HOMOGENEOUS CONSTITUTIONAL ENTITY, BUT RATHER THAT IT CUTS ACROSS MANY DIFFERENT AREAS OF CONSTITUTIONAL RESPONSIBILITY, SOME FEDERAL AND OTHERS PROVINCIAL. MOST UNDESIRABLE IS THE IMMUNITY FROM PROVINCIAL LAW THAT COURTS ACCORD THE FEDERAL GOVERNMENT.

N AM
CANADA
LR(A)

"GOVERNMENT ORGANIZATION ACT, 1970 (DEPT. OF THE ENVIRONMENT ACT)," REVISED STATUTES OF CANADA 1970, 2D SUPPLEMENT.

ENGLISH* EPA
*ALSO FRENCH PGS 177-195 ID# 02011A
GENERAL WATER AIR

THE DEPARTMENT OF THE ENVIRONMENT IS ESTABLISHED TO SUPERSEDE THE DEPT. OF FISHERIES AND FORESTRY, ASSUMING ALL OF ITS FUNCTIONS, AS WELL AS ENVIRONMENTAL RESPONSIBILITIES FORMERLY VESTED IN THE DEPT. OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, AND THE DEPT. OF ENERGY, MINES AND RESOURCES. THE MINISTER OF THE ENVIRONMENT, WHO IS ALSO MINISTER OF FISHERIES, IS RESPONSIBLE FOR ALL MATTERS IN THE FEDERAL JURISDICTION PERTAINING TO MARINE AND FRESHWATER FISHERIES; FORESTS AND WILDLIFE; WATER MANAGEMENT; PROTECTING QUALITY OF WATER, AIR, SOIL AND THE ENVIRONMENT IN GENERAL; CONDUCTING TECHNICAL SURVEYS; AND ENFORCING INTERNATIONAL POLLUTION-CONTROL AGREEMENTS. THE MINISTER IS TO INITIATE GOVERNMENT ACTION TO ESTABLISH POLLUTION-CONTROL AND ENVIRONMENTAL PROTECTION PROGRAMS AND STANDARDS, PROMOTE POLICIES FOR PROTECTING ENVIRONMENTAL QUALITY, AND COOPERATE WITH PROVINCIAL GOVERNMENT AGENCIES ENGAGED IN ENVIRONMENTAL PROTECTION. THE SCHEDULES CONTAIN LISTS OF LAWS ADMINISTERED BY OR AMENDED WITH RESPECT TO THE DEPT. OF THE ENVIRONMENT.

CANADA
LR(A)

"DEPARTMENT OF THE ENVIRONMENT ACT, 1972." STATUTES OF SASKATCHEWAN, 1971-1972, CHAPTER 31

ENGLISH 00/00/72 PGS 145-151 EPA ID# 02340A
GENERAL

THIS ACT PROVIDES FOR THE CREATION OF THE SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT, PRESIDED OVER BY THE MINISTER OF THE ENVIRONMENT AND STAFFED BY THE DEPUTY MINISTER OF THE ENVIRONMENT AND OTHER PERSONNEL AS DEEMED NECESSARY. AMONG ITS FUNCTIONS, THE DEPARTMENT ADMINISTERS EXISTING LEGISLATION ON THE ENVIRONMENT, NAMELY: 1) THE AIR POLLUTION CONTROL ACT, 2) THE GROUND WATER CONSERVATION ACT, 3) THE WATER RESOURCES MANAGEMENT ACT, 4) THE WATER RIGHTS ACT, AND 5) THE WATER POWER ACT. UNDER THE PROVISIONS OF THE ACT, THE MINISTER MAY APPOINT THE ENVIRONMENTAL ADVISORY COUNCIL FOR TECHNICAL ASSISTANCE, WHILE THE LIEUTENANT GOVERNOR IN COUNCIL IS EMPOWERED, AT HIS DISCRETION, TO APPOINT THE INTERAGENCY CO-ORDINATING COMMITTEE TO COORDINATE GOVERNMENT ACTIVITIES AFFECTING THE ENVIRONMENT. ACTIVITIES INVOLVING THE DISCHARGE OF WASTE MUST BE APPROVED BY THE MINISTER, AND "STOP ORDERS" MAY BE SERVED AGAINST ANY ACTIVITY CONTRAVENING ENVIRONMENTAL LEGISLATION.

N AM
CANADA
LR(A)

"MOTOR VEHICLE SAFETY ACT. MOTOR VEHICLE SAFETY REGULATIONS, AMENDMENT."
(SOR 72-248). CANADA GAZETTE, PART 2, V. 106, NO. 14

ENGLISH*
*ALSO FRENCH
NOISE

07/26/72 PGS 1027 EPA ID# 00358D

THIS AMENDMENT TO THE CANADIAN MOTOR VEHICLE SAFETY REGULATIONS PROVIDES FOR THE ADDITION OF SECTION 1106 CONCERNING NOISE TO SCHEDULE E OF THE REGULATIONS. THIS SECTION SPECIFIES THAT ALL VEHICLES MUST EITHER COMPLY WITH NOISE REGULATIONS OF THE INLAND TRANSPORT COMMITTEE OF THE EUROPEAN ECONOMIC COMMUNITY OR MUST NOT EMIT NOISE LEVELS IN EXCESS OF 88 DBA IN THE CASE OF HEAVY DUTY VEHICLES AND NOT IN EXCESS OF 86 DBA IN THE CASE OF LIGHT DUTY VEHICLES.

CANADA
LR(A)

"CANADA NOISE CONTROL REGULATIONS." SOR/71-584. 105 CAN. GAZ. PT. II (NOV 2, 1971).

ENGLISH
ALSO FRENCH
NOISE

11/24/71 PGS 1936-1938 EPA ID# 00984A

THESE REGULATIONS, ISSUED UNDER THE "SAFETY OF EMPLOYEES" SECTION OF THE CANADA LABOR CODE, DEFINE "SOUND LEVEL" AS "THE INTENSITY OF SOUND MEASURED IN DECIBELS." AND STIPULATE THAT "NO EMPLOYER SHALL PERMIT ANY OF HIS EMPLOYEES TO WORK AT WORK SITES WHERE THE SOUND LEVEL IS 90 DECIBELS OR MORE." EXCEPTIONS TO THIS BASIC PRINCIPLE ARE, HOWEVER, PERMITTED WHERE IT IS NOT "REASONABLY PRACTICABLE" FOR AN EMPLOYER TO COMPLY. IN THIS CONNECTION, A SCHEDULE IS INCLUDED SHOWING THE LENGTHS OF TIME DURING WHICH EMPLOYEES MAY BE EXPOSED TO SOUND OF UP TO 115 DECIBELS. ALSO INCLUDED ARE PROVISIONS REQUIRING THE WEARING OF HEARING PROTECTORS FOR WORKERS EXPOSED FOR LONGER PERIODS OF TIME AS WELL AS FOR WORKERS EXPOSED TO HIGH INTENSITY IMPACT SOUNDS. FURTHERMORE, WORKERS MAY WORK AT SOUND LEVELS OF UNDER 95 DECIBELS, IF IT IS MEDICALLY DETERMINED THAT THEY CAN DO SO WITHOUT IMPAIRMENT. THE REGULATIONS ALSO PROVIDE FOR NOISE SURVEYS TO DETERMINE SOUND LEVELS AND REQUIRE THE POSTING OF WARNING SIGNS IN HIGH NOISE LEVEL AREAS.

CANADA
LR(A)

PESTICIDE RESIDUE COMPENSATION ACT 1968-69, C. 34, S.1. REVISED STATUTES OF CANADA, 1970, V. 6.

ENGLISH
ALSO FRENCH
PESTICIDES

00/00/70 PGS 5849-5846 EPA ID# 00592A

THIS ACT PROVIDES FOR COMPENSATION TO BE PAID TO A FARMER WHEN A PESTICIDE LISTED IN THE PEST CONTROL ACT AND ASCERTAINED TO HAVE BEEN USED PROPERLY HAS CAUSED AGRICULTURAL PRODUCE TO BE UNFIT FOR SALE UNDER THE FOOD AND DRUG ACT. THE FARMER MUST USE EVERY MEANS DEEMED NECESSARY BY THE MINISTER OF AGRICULTURE TO REDUCE THE LOSS AND MUST PURSUE EVERY ACTION IN LAW AGAINST THE MANUFACTURER OF THE PESTICIDE OR ANY OTHER PERSON WHO MAY BE LIABLE BEFORE HE CAN CLAIM COMPENSATION. THE MINISTER MAY BRING THE ACTION FOR THE FARMER IF HE DEEMS IT NECESSARY AND HAS OBTAINED THE FARMER'S CONSENT. THE GOVERNOR IN COUNCIL MAKE MAKE REGULATIONS CONCERNING THE PROCEDURES TO BE FOLLOWED FOR OBTAINING COMPENSATION, PRESCRIBING THE AMOUNTS TO BE PAID. VIOLATION OF ANY PROVISION OF THIS ACT CONSTITUTES AN OFFENSE EITHER INDICTABLE AND LIABLE TO TWO YEARS IMPRISONMENT OR PUNISHABLE ON SUMMARY CONVICTION.

N AM
CANADA
LR(A)

PESTICIDE RESIDUE COMPENSATION REGULATIONS. SOR/72-9. CAN. GAZ. V. 106. N. 3. PT. II.

ENGLISH
ALSO FRENCH
PESTICIDES
02/09/72 PGS 150-151 EPA ID# 00592B

THE DETAILS OF THE APPLICATION FOR COMPENSATION ARE DESCRIBED IN SECTION 3. COMPENSATION MAY BE PAID TO THE APPLICANT TO A MAXIMUM OF 80 PERCENT OF THE MONETARY VALUE OF THE AGRICULTURAL PRODUCT FOR WHICH THE APPLICATION HAS BEEN MADE SUBJECT TO THE DETERMINATION OF VALUE BY THE RULES OUTLINED IN SECTION 5. THE MINISTER MUST BE SATISFIED THE AGRICULTURAL PRODUCT WAS PRODUCED IN CANADA BEFORE ANY COMPENSATION IS PAID. THESE REGULATIONS ARE MADE PURSUANT TO THE PESTICIDES RESIDUE COMPENSATION ACT. 1968-69. C. 34. S.1.

CANADA
LR(A)

FERTILIZERS ACT 1957. C. 27. S.1. REVISED STATUTES OF CANADA. 1970. V. 3.

ENGLISH
ALSO FRENCH
PESTICIDES
00/00/70 PGS 3059-3063 EPA ID# 00594A

THE MINISTER OF AGRICULTURE IS RESPONSIBLE FOR THE ADMINISTRATION OF THIS ACT PASSED FOR THE CONTROL AND REGULATION OF AGRICULTURAL FERTILIZERS. THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS "PROVIDING THAT FERTILIZERS REGISTERED UNDER THIS ACT AND CONTAINING A CONTROL PRODUCT AS DEFINED IN THE PEST CONTROL PRODUCTS ACT SHALL, IN PRESCRIBED CONDITIONS, BE DEEMED TO BE REGISTERED UNDER THAT ACT". PROVISIONS FOR INSPECTION, ANALYSIS OF SAMPLES, AND PROSECUTIONS FOR OFFENSES ARE INCLUDED. VIOLATORS OF A PROVISION OR ITS REGULATIONS ARE LIABLE TO "(A) ON SUMMARY CONVICTION TO A FINE NOT EXCEEDING $500 OR TO IMPRISONMENT FOR A TERM NOT EXCEEDING SIX MONTHS, OR TO BOTH, OR (B) UPON CONVICTION OR INDICTMENT TO A FINE NOT EXCEEDING $2,000 OR TO IMPRISONMENT FOR A TERM NOT EXCEEDING ONE YEAR, OR TO BOTH".

CANADA
LR(A)

PEST CONTROL PRODUCTS REGULATIONS. STAT ORDERS & REGUL CONSOLID. 1955

ENGLISH
PESTICIDES
00/00/55 PGS 2536-2557 EPA ID# 00595A

THESE REGULATIONS REPLACE SECTION 2 OF THE PEST CONTROL PRODUCTS ACT (R.S.C., 1952, C. 209). THE REGULATIONS APPLY TO ALL PESTICIDES INCLUDING ANY ADJUVANT SOLD THAT IS MEANT TO BE MIXED WITH A PESTICIDE. CERTAIN MATERIALS ARE EXEMPTED FROM THE APPLICATION OF THE ACT. THE DETAILS REQUIRED FOR REGISTERING THE CONTROL PRODUCTS ARE ENUMERATED AND DESCRIBED. IF POSSIBLE, THE BRAND NAME SHOULD BE DESCRIPTIVE OF THE PESTICIDE AS TO ACTIVE SUBSTANCES, PHYSICAL FORM AND PURPOSES. CERTAIN GUARANTEES ARE REQUIRED FOR THE PRODUCTS LISTED IN SCHEDULES A AND B AND FOR OTHER MATERIALS USED IN PESTICIDES. SPECIFICATIONS FOR THE PACKAGING OF PESTICIDES ARE GIVEN AS WELL AS FOR THE LABELING OF CONTAINERS. THE REQUIREMENTS FOR LABELING POISONOUS SUBSTANCES, FOR INDICATING THE CONTENTS OF CONTAINERS, FOR TESTING OF PESTICIDES, FOR TAKING OFFICIAL SAMPLES AND FOR IMPORTING PESTICIDES ARE SPECIFIED. THESE REGULATIONS ARE AMENDED BY SOR/58-366 AND SOR/495.

N AN
CANADA
LR(A)

PEST CONTROL PRODUCTS ACT 1968-69, C. 50, S.1. REVISED STATUTES OF CANADA, 1970, V. 6.

ENGLISH 00/00/70 PGS 2536-2557 EPA ID# 00595B
PESTICIDES

THIS ACT DEFINES A CONTROL PRODUCT AS "ANY PRODUCT, DEVICE, ORGANISM, SUBSTANCE OR THING THAT IS MANUFACTURED, REPRESENTED, SOLD OR USED AS A MEANS FOR DIRECTLY OR INDIRECTLY CONTROLLING, PREVENTING, DESTROYING, MITIGATING, ATTRACTING AND REPELLING ANY PEST". THE ACT CONTAINS PROVISIONS REGULATING THE MANUFACTURING, STORING, DISPLAYING, DISTRIBUTING, PACKAGING, LABELING, ADVERTISING, EXPORTING AND IMPORTING OF SUCH PRODUCTS. ADMINISTRATION OF THE ACT IS IN THE HANDS OF THE MINISTER OF AGRICULTURE, WHO MAY APPOINT INSPECTORS AND ANALYSTS WITH THE POWERS TO INSPECT, SEIZE, AND TAKE SAMPLES OF THE PRODUCTS. WHERE THE ACT APPEARS TO HAVE BEEN VIOLATED, THE INSPECTOR MAY SEIZE AND RETAIN THE CONTROL PRODUCT UNTIL HE IS SATISFIED THAT THE PROVISIONS OF THE ACT HAVE BEEN FOLLOWED OR UNTIL THE OWNER HAS AGREED TO DISPOSE OF IT. UPON CONVICTION FOR A VIOLATION, THE OWNER MAY BE FORCED TO FORFEIT THE PRODUCT FOR DISPOSAL. VIOLATORS OF THE ACT ARE SUBJECT TO IMPRISONMENT FOR TWO YEARS.

CANADA
LR(A)

"FERTILIZERS ACT. FERTILIZERS REGULATIONS" (SOR/69-65). INT. DIG. HLTH. LEG., V. 22.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/71 PGS 440 EPA ID# 00595C
PESTICIDES

THESE REGULATIONS REQUIRE THAT FERTILIZERS WHICH CONTAIN A PESTICIDE ARE TO BE REGISTERED UNDER THE PEST CONTROL PRODUCTS ACT. IN ADDITION TO INFORMATION REQUIRED FOR ALL FERTILIZERS, PACKAGES CONTAINING "FERTILIZER-PESTICIDES" MUST BE MARKED WITH APPROPRIATE WARNINGS AND DIRECTIONS FOR USE REQUIRED BY THAT ACT. FURTHERMORE, NO FERTILIZER MAY CONTAIN ANY SUBSTANCE IN QUANTITIES LIKELY TO BE HARMFUL TO MAN OR ANIMALS WHEN USED ACCORDING TO DIRECTIONS, OR ANY SUBSTANCE WHICH, WHEN APPLIED ACCORDING TO INSTRUCTIONS, WOULD LEAVE A HARMFUL RESIDUE IN PLANT TISSUE CONTRARY TO THE FOOD AND DRUGS ACT. (OFFICIAL TEXT IS IN CANADA GAZETTE, PART 2, V. 103, N. 4, FEB 26, 1969, PP. 293-312.)

N AM
CANADA
LR(A)

"DEPARTMENT OF NATIONAL HEALTH AND WELFARE ACT." AS AMENDED. CAN. REV. STAT. C. N-9 (1970). V. 5.

ENGLISH
ALSO FRENCH
RADIATION
00/00/70 PGS 5333-5336 EPA ID# 00698A

THE MINISTER APPOINTED BY COMMISSION UNDER THE GREAT SEAL PRESIDES OVER THE DEPARTMENT OF HEALTH AND WELFARE, AND HIS DUTIES, POWERS AND FUNCTIONS EXTEND TO AND INCLUDE ALL MATTERS RELATING TO THE PROMOTION OR PRESERVATION OF HEALTH. THE GOVERNOR IN COUNCIL MAY ESTABLISH SUCH BOARDS, COMMITTEES AND COUNCILS AS HE DEEMS NECESSARY TO ASSIST AND ADVISE THE MINISTER AND TO COOPERATE WITH PROVINCIAL AUTHORITIES FOR THE PURPOSE OF THIS ACT. (THE RADIATION PROTECTION DIVISIONS WAS SO ESTABLISHED, AND IT IS ONE OF THE HEALTH AUTHORITIES MENTIONED IN THE ATOMIC ENERGY CONTROL REGULATIONS.) THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS AND IMPOSE PENALTIES FOR THE FAILURE TO OBEY THE REGULATIONS BY WAY OF A FINE NOT EXCEEDING $200 OR IMPRISONMENT FOR A TERM NOT EXCEEDING THREE MONTHS, ENFORCEABLE UPON SUMMARY CONVICTION. THIS ACT WAS AMENDED BY SOR/70/517, 104 CAN. GAZ. PT. II, 1414 (DEC 23, 1970) AND CAN. REV. STAT. C. 14 (2D SUPP. 1970).

CANADA
LR(A)

"NUCLEAR LIABILITY ACT." CAN. REV. STAT. C. 29 (1ST SUPP. 1970) AS AMENDED BY THE FEDERAL COURT ACT, CAN. REV. STAT. C. 10 (2D SUPP. 1970).

ENGLISH
ALSO FRENCH; ALSO PP. 91 AND 163
RADIATION
00/00/70 PGS 907-923 EPA ID# 00705A

THIS ACT AS AMENDED REQUIRES AN OPERATOR OF A NUCLEAR INSTALLATION TO PREVENT INJURY TO ANY OTHER PERSON OR DAMAGE TO ANY PROPERTY OF ANY OTHER PERSON ARISING FROM THE FISSIONABLE OR RADIO ACTIVE PROPERTIES, OR THEIR COMBINATION WITH TOXIC, EXPLOSIVE, OR HAZARDOUS PROPERTIES, OF NUCLEAR MATERIAL IN HIS NUCLEAR INSTALLATION; OR OF NUCLEAR MATERIAL THAT HAS BEEN IN HIS INSTALLATION BUT HAS NOT YET COME UNDER THE CONTROL OF ANOTHER OPERATOR; OR OF NUCLEAR MATERIAL THAT IS EN ROUTE FROM OUTSIDE OF CANADA TO HIS INSTALLATION OR IN A PLACE OF STORAGE AWAITING TRANSPORTATION TO HIS INSTALLATION. THE ACT SPECIFIES THE CONDITIONS OF HIS LIABILITY AND THE PROCEDURES FOR CARRYING OUT ITS PROVISIONS. THE GOVERNOR IN COUNCIL MAY ENTER INTO ARRANGEMENTS WITH RECIPROCATING COUNTRIES ON MATTERS OF LIABILITY. WITHOUT SUCH AN AGREEMENT AN OPERATOR IS NOT LIABLE FOR INJURY OR DAMAGE INCURRED OUTSIDE OF CANADA.

N AM
CANADA
LR(A)

"RADIATION EMITTING DEVICES ACT." CAN. REV. STAT. C. 34 (1ST SUPP. 1970).

ENGLISH
ALSO FRENCH
RADIATION
00/00/70 PGS 947-952 EPA ID# 00706A

THIS ACT, WHICH DOES NOT APPLY TO RADIATION-EMITTING DEVICES THAT ARE DESIGNED PRIMARILY FOR THE PRODUCTION OF ATOMIC ENERGY WITHIN THE MEANING OF THE ATOMIC ENERGY CONTROL ACT, WAS DRAWN UP TO COVER X-RAYS AND OTHER RADIATION SOURCES. THE ACT PROHIBITS THE SALE, LEASE OR IMPORTATION OF DEVICES FOR WHICH STANDARDS HAVE BEEN SET UNLESS THE DEVICE AND ITS PARTS COMPLY WITH THOSE STANDARDS. THE MINISTER MAY APPOINT INSPECTORS FOR ENFORCEMENT PURPOSES. THEY ARE GIVEN WIDE POWERS TO ENTER PREMISES WHERE THEY BELIEVE THESE DEVICES MAY BE LOCATED, TO OPEN PACKAGES, AND TO EXAMINE DOCUMENTS. THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS ESTABLISHING CLASSES OF RADIATION EMITTING DEVICES AND SET STANDARDS TO PROTECT PERSONS AGAINST PERSONAL INJURY OR DEATH FROM RADIATION. THE ACT ALSO PROVIDES PENALTIES FOR VIOLATION.

CANADA
LR(A)

"RADIATION EMITTING DEVICES REGULATIONS." SOR/72-43, CAN. GAZ. PT. II, 266 (MAR 8 1972) AMENDED BY SOR/72-222, 106 CAN. GAZ. PT. II, 966 (JUL 12, 1972).

ENGLISH
ALSO FRENCH
RADIATION
03/07/72 PGS 266-271 EPA ID# 00706B

THESE REGULATIONS, ISSUED UNDER THE 1970 RADIATION EMITTING DEVICES ACT, PLACE TELEVISION RECEIVERS AND EXTRA-ORAL DENTAL X-RAY EQUIPMENT IN THE CLASSES OF DEVICES TO BE REGULATED. THE STANDARDS FOR REGULATING THESE CLASSES OF EQUIPMENT ARE APPENDED TO THE REGULATIONS AS SCHEDULES A AND B. THE INSPECTOR WHO SEIZES A DEVICE OR COMPONENT MAY KEEP IT UNTIL HE CAN ASCERTAIN WHETHER IT COMPLIES WITH THE PRESCRIBED STANDARDS. THE INSPECTOR MUST MAINTAIN A WRITTEN RECORD OF THE PARTICULARS OF HIS DEPOSITION OF THE DEVICE OR ITS COMPONENT.

CANADA
LR(A)

"ATOMIC ENERGY CONTROL ACT." CAN. REV. STAT. C. A-19 (1970), V. 1.

ENGLISH
ALSO FRENCH
RADIATION
00/00/70 PGS 153-161 EPA ID# 00708A

THIS ACT, APPLYING TO ALL ENERGY OF WHATEVER TYPE DERIVED FROM OR CREATED BY THE TRANSMUTATION OF ATOMS, CONFERS ON THE ATOMIC ENERGY BOARD AND POWERS, WITH THE APPROVAL OF THE GOVERNOR IN COUNCIL, TO MAKE REGULATIONS FOR THE ENCOURAGEMENT OF RESEARCH AND INVESTIGATION WITH RESPECT TO ATOMIC ENERGY; FOR THE DEVELOPMENT, CONTROL, SUPERVISION, LICENSING, APPLICATION AND USE OF ATOMIC ENERGY; FOR MINING AND FOR PROSPECTING FOR PRESCRIBED SUBSTANCES; AND FOR THE REGULATION OF THE PRODUCTION, IMPORT, EXPORT, TRANSPORTATION, REFINING, POSSESSION, OWNERSHIP, USE OR SALE OF PRESCRIBED SUBSTANCES. THE MINISTER, CHOSEN BY THE GOVERNOR IN COUNCIL, IS EMPOWERED TO CARRY OUT RESEARCH, UTILIZE ATOMIS POWER, PURCHASE, LEASE, REQUISITION OR EXPROPRIATE ANY NUCLEAR MATERIALS. HE MAY ALSO FROM COMPANIES WITH THE APPROVAL OF THE GOVERNOR GENERAL AND ASSUME DIRECTION OF THESE COMPANIES WHOSE CAPITAL IS OWNED BY THE CROWN IN RIGHT OF CANADA. PENALTIES FOR VIOLATION OF THE ACT ARE MENTIONED.

N AH
CANADA
LR(A)

"PARTICLE ACCELERATORS ORDER, N. 1/10L/70-1/106/70." SOR/70-250, 104 CAN. GAZ. PT II, 642 (JUN 1, 1970).

ENGLISH
ALSO FRENCH
RADIATION

00/00/70 PGS 642 EPA ID# 00708B

THIS ORDER DECLARES PARTICLE ACCELERATORS, DEFINED AS EQUIPMENT CAPABLE OF IMPARTING HIGH KINETIC ENERGY TO CHARGED PARTICLES THROUGH INTERACTION WITH ELECTRIC OR MAGNETIC FIELDS AND PRIMARILY DESIGNED TO PRODUCE OR USE IN ITS OPERATION ATOMIC ENERGY AND PRESCRIBED SUBSTANCES, TO BE PRESCRIBED EQUIPMENT WITHIN THE CONTEXT OF THE ATOMIC ENERGY CONTROL REGULATIONS.

CANADA
LR(A)

"PRESCRIBED EQUIPMENT EXPORT CONTROL ORDER, N. 01/201/67-1/206/67." SOR/67-189, 101 CAN. GAZ. PT. II, 675 (APR 5, 1967).

ENGLISH
RADIATION

00/00/68 PGS 675 EPA ID# 00708C

THIS ORDER PRESCRIBES CERTAIN PROPERTIES ON THE EXPORT CONTROL LIST AS BEING SUCH THAT THEY MUST BE SPECIFIED UNDER ATOMIC ENERGY CONTROL REGULATIONS. NO IMPORT PERMIT OR ORDER IS REQUIRED TO AUTHORIZE THE IMPORTATION INTO CANADA OF ANY OF THE PROPERTIES SPECIFIED AS PRESCRIBED EQUIPMENT UNDER THIS ORDER EXCEPT AS PROVIDED BY THE NUCLEAR REACTORS ORDER OF APR 24, 1957.

CANADA
LR(A)

"INDUSTRIAL RADIOGRAPHY ORDER, N. 1/200/66." SOR/66-1128, 100 CAN. GAZ. PT. II, 314 (MAR 1, 1966).

ENGLISH
RADIATION

00/00/67 PGS 314 EPA ID# 00708D

THIS ORDER FORBIDS ANY PERSON PERFORMING AN INDUSTRIAL RADIOGRAPHY OPERATION FROM USING A RADIOACTIVE SUBSTANCE UNLESS HE HAS BEEN CERTIFIED AS A JUNIOR OR SENIOR INDUSTRIAL RADIOGRAPHER OR IS WORKING UNDER THE DIRECT SUPERVISION OF SUCH A RADIOGRAPHER. AT LEAST ONE PERSON MUST BE A CERTIFIED SENIOR INDUSTRIAL RADIOGRAPHER AT ANY PLACE WHERE TWO OR MORE PRESCRIBED RADIOACTIVE SUBSTANCES ARE USED.

N AM
CANADA
LR(A)

"SHIPPING CONTAINERS ORDER." SOR/63-65. 97 CAN. GAZ. PT. II. 193 (FEB 27. 1963).

ENGLISH 00/00/64 PGS 193 EPA ID# 00708E
RADIATION

THE SCHEDULE OF THIS ORDER PROVIDES THAT NO PRESCRIBED RADIOACTIVE SUBSTANCE MAY BE SHIPPED UNLESS THE CONTAINER MEETS THE REQUIREMENTS AS TO PACKAGING. SHIELDING. AND LABELING SET FORTH BY A STATUTORY BODY HAVING JURISDICTION OVER THE PROPOSED METHOD OF TRANSPORTATION AND HAS BEEN SPECIFICALLY APPROVED FOR THE PARTICULAR SHIPMENT INVOLVED.

CANADA
LR(A)

"NUCLEAR REACTORS ORDER. N. 1/201/57-1/206/57." SOR/57-145. 91 CAN. GAZ. PT. II. 433 (APR 24. 1957).

ENGLISH 00/00/57 PGS 433 EPA ID# 00708F
RADIATION

THIS ORDER. ISSUED UNDER THE ATOMIC ENERGY CONTROL ACT. STATES THAT NUCLEAR REACTORS ARE PROPERTY WHICH. IN THE OPINION OF THE BOARD. ANY BE USED FOR THE PRODUCTION. USE. OR APPLICATION OF ATOMIC ENERGY. AND ARE SPECIFIED AS PRESCRIBED EQUIPMENT UNDER THE ATOMIC ENERGY REGULATIONS OF CANADA. A PERSON MAY DEAL IN ANY NUCLEAR REACTOR ONLY AFTER HE HAS RECEIVED AN ORDER FROM THE BOARD TO DO SO. THIS ORDER DOES NOT APPLY TO ANY REACTOR BUILT WHOLLY BY OR FOR AND OPERATED WHOLLY BY OR ON BEHALF OF A DEPARTMENT OR AGENCY OF THE GOVERNMENT OF CANADA.

CANADA
LR(A)

"ATOMIC ENERGY CONTROL REGULATIONS." SOR/60-119. 94 CAN. GAZ. PT. II. 345 (APR 13 1960).

ENGLISH 00/00/61 PGS 344-357 EPA ID# 00708G
RADIATION

THESE REGULATIONS. AS AMENDED BY SOR/70-504. 98 CAN. GAZ. PT. II. 1290 (NOV 25. 1964) AND SOR/ 72-301. 106 CAN. GAZ. PT. II. 1465 (AGU 2. 1972). ARE APPLICABLE TO ANY PERSON DEALING IN PRESCRIBED RADIOACTIVE SUBSTANCES. INCLUDING URANIUM. THORIUM. PLUTONIUM. RADIOACTIVE SUBSTANCES OF OTHER ELEMENTS. AND DEUTERIUM. THESE REGULATIONS PROVIDE THAT EMPLOYERS OF PERSONS WHO DEAL IN QUANTITIES OF PRESCRIBED RADIOACTIVE SUBSTANCES IN EXCESS OF THE SCHEDULED QUANTITIES MUST ARRANGE FOR MEDICAL EXAMINATIONS OF THOSE PERSONS. THE HEALTH AND SAFETY PROVISIONS OF THESE REGULATIONS SPECIFY REQUIREMENTS FOR ATOMIC ENERGY WORKERS. PERMISSIBLE EXPOSURES. PROTECTIVE PROCEDURES AND EQUIPMENT. AND WARNING LABELS AND SIGNS.

N AN
CANADA
LR(A)

"NATURAL PARKS GENERAL REGULATIONS." SOR CONS./1955, V. 3.

ENGLISH
ALSO FRENCH
SOLID WASTE GENERAL

00/00/55 PGS 2446-2450 EPA ID# 00837A

THE SUPERINTENDENT OR THE PARK MEDICAL OFFICER MAY DETERMINE, UNDER THE PROVISIONS OF THESE REGULATIONS, THAT A NUISANCE EXISTS ON PRIVATELY HELD PREMISES AND ORDER THE OWNER, LESSEE OR OCCUPANT TO ABATE THE NUISANCE AND CLEAN THE AREA. IF THE PERSON INVOLVED FAILS TO ABATE THE NUISANCE, THE SUPERINTENDENT MAY TAKE THE NECESSARY STEPS TO ABATE THE NUISANCE, AND THE COSTS SHALL BE PAYABLE BY THE OWNER, LESSEE OR OCCUPANT. OTHER PROVISIONS STATE THAT ALL REFUSE MUST BE DESTROYED OR BURIED EXCEPT WHERE INCINERATORS OR TRASH RECEPTACLES ARE PROVIDED. THE SUPERINTENDENT SHALL DESIGNATE THE PLACES, TIMES AND CONDITIONS WHEN RUBBISH AND MATTER OF AN OFFENSIVE NATURE MAY BE DISPOSED OF.

CANADA
LR(A)

"NATIONAL PARKS ACT." CAN. REV. STAT. C. N-13 (1970), V. 5.

ENGLISH
ALSO FRENCH
SOLID WASTE GENERAL WATER

00/00/70 PGS 5413-5421 EPA ID# 00838A

THIS ACT, DESIGNED TO PRESERVE NATURAL PARKS AND TO PREVENT NUISANCES IN THEM, GIVES TO THE GOVERNOR IN COUNCIL THE POWER TO MAKE REGULATIONS FOR THE PRESERVATION, CONTROL AND MANAGEMENT OF THE PARKS; THE MANAGEMENT AND REGULATION OF FISHING, AND THE PROTECTION OF FISH, INCLUDING THE PREVENTION AND REMEDYING OF ANY OBSTRUCTION OR POLLUTION OF WATERWAYS; THE PRESERVATION OF PUBLIC HEALTH AND THE PREVENTION OF DISEASES WITHIN THE CONFINES OF THE PARKS; AND THE ABATEMENT AND PREVENTION OF NUISANCES. (A SUMMARY OF THIS ACT MAY ALSO BE FOUND UNDER THE PROGRAM AREA: WATER.)

CANADA
LR(A)

"CRIMINAL CODE." CAN. REV. STAT. C. C-34 (1970).

ENGLISH
ALSO FRENCH
SOLID WASTE GENERAL

00/00/70 PGS 1583 EPA ID# 00839A

THIS LAW ON NUISANCES (INCLUDING SOLID WASTES AMONG OTHER ACTS OF A NOXIOUS NATURE) STATES THAT A PERSON WHO COMMITS A COMMON NUISANCE BY ENDANGERING THE LIVES, SAFETY AND HEALTH OF THE PUBLIC OR BY CAUSING PHYSICAL INJURY TO ANY PERSON IS GUILTY OF AN INDICTABLE OFFENSE AND IS LIABLE TO INPRISONMENT FOR TWO YEARS. A COMMON NUISANCE IS COMMITTED WHEN A PERSON DOES AN UNLAWFUL ACT OR FAILS TO DISCHARGE A LEGAL DUTY THAT ENDANGERS THE LIVES, SAFETY, HEALTH, PROPERTY OR COMFORT OF THE PUBLIC OR OBSTRUCTS THE PUBLIC IN THE EXERCISE OR ENJOYMENT OF ANY RIGHT THAT IS COMMON TO ALL CANADIAN SUBJECTS.

N AM
CANADA
LR(A)

"ANIMAL CONTAGIOUS DISEASES REGULATIONS." SOR/CONS. 1955, V. 1.

ENGLISH 00/00/55 PGS 76-71,108 EPA ID# 00841A
SOLID WASTE

THESE REGULATIONS DECLARE THAT THE VETERINARY DIRECTOR GENERAL HAS ALL THE POWERS OF AN INSPECTOR OR VETERINARY INSPECTOR IN THE CONTEXT OF THIS LAW. FURTHER, REFUSE, MANURE, GARBAGE AND THE LIKE MAY NOT BE LANDED OR DISCHARGED IN ANY PORT OR WATERS OF CANADA FROM SHIPS ARRIVING FROM ANOTHER COUNTRY. THE MINISTER MAY DESIGNATE SUCH PORTS WHERE MANURE, GARBAGE, OR OTHER REFUSE MAY BE LANDED PROVIDED CERTAIN SPECIFIED CONDITIONS ARE MET, SUCH AS THE CONTAINMENT OF THE REFUSE IN CLOSED, LEAK-PROOF METAL BOXES. UNLESS A SHIP OR VESSEL DOCKING HAS INCINERATION FACILITIES THAT MEET THE APPROVAL OF THE INSPECTOR, IT MUST DISCHARGE ITS REFUSE UNDER THE SUPERVISION OF THE INSPECTOR. THE CAPTAIN OF A SHIP OR VESSEL IS RESPONSIBLE FOR ANY CONTRAVENTION OF THESE DISPOSAL REGULATIONS AND IS LIABLE FOR THE PENALTIES IMPOSED.

CANADA
LR(A)

"ANIMAL CONTAGIOUS DISEASES ACT." CAN. REV. STAT. C. A-13 (1970), V. 1.

ENGLISH 00/00/70 PGS 93-107 EPA ID# 00843A
ALSO FRENCH
SOLID WASTE WATER

ACCORDING TO THE PROVISIONS OF THIS ACT, THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS FOR THE DESTRUCTION OR DISPOSAL OF ANIMALS WHICH ARE DYING IN A DISEASED STATE. FURTHER, THE ACT PROVIDES PENALTIES FOR THE THROWING OR PLACING IN ANY RIVER, STREAM, CANAL, NAVIGABLE OR OTHER WATER, OR IN THE SEA, WITHIN 10 MILES OF THE SHORE, THE CARCASS OF AN ANIMAL THAT DIES FROM A DISEASE OR WAS SLAUGHTERED BECAUSE IT WAS DISEASED OR SUSPECTED OF BEING DISEASED.

CANADA
LR(A)

"OIL AND GAS PRODUCTION AND CONSERVATION ACT." CAN. REV. STAT. C. 0-4 (1970); AMENDED BY 1ST SUPP. 1970, C. 30; 2D SUPP. 1970, C. 10.

ENGLISH 00/00/70 PGS 5613-5643 EPA ID# 00844A
ALSO FRENCH
SOLID WASTE

THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT IS THE ADMINISTRATIVE OFFICER FOR THIS ACT WHICH APPLIES TO OIL AND GAS IN THE YUKON TERRITORY AND THE NORTHWEST TERRITORY. THE ACT PROVIDES THAT THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS FOR THE PREVENTION OF WASTES, BOTH ORDINARY WASTES AND WASTES AS UNDERSTOOD IN THE OIL AND GAS INDUSTRY. THE CHIEF CONSERVATION OFFICER, APPOINTED BY THE MINISTER, MAY ORDER THE CESSATION OF OPERATIONS CAUSING WASTES OR THE TAKE-OVER OF CONTROL AND MANAGEMENT OF WORKS CAUSING WASTES. SIMILARLY, HE MAY INSTITUTE PROCEEDINGS TO PREVENT OIL-AND-GAS INDUSTRY WASTES. ANY PERSON OR HIS EMPLOYEE WHO COMMITS AN OFFENSE UNDER THIS ACT IS LIABLE ON SUMMARY CONVICTION TO A FINE OF NOT MORE THAN $1,000 TO SIX MONTHS IMPRISONMENT, OR TO BOTH.

N AM
CANADA
LR(A)

CANADA SHIPPING ACT. CAN. REV. STAT. C.S-9. PART IX (1970)

ENGLISH
ALSO FRENCH
WATER

00/00/70 PGS 6981-6983 EPA ID# 00370A

ACT AUTHORIZES THE GOVERNOR IN COUNCIL TO CARRY OUT THE PROVISIONS OF THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION OF THE SEA BY OIL AND THUS TO REGULATE AND PREVENT THE POLLUTION OF CANADIAN WATERS BY OIL, CHEMICALS, GARBAGE, SEWAGE AND ANY OTHER SUBSTANCES FROM SHIPS. IT FURTHER AUTHORIZES THE GOVERNOR IN COUNCIL TO REGULATE AND PREVENT THE POLLUTION OF THE AIR BY COMBUSTIBLE PRODUCTS FROM SHIPS AND, WHEN NECESSARY, TO ORDER THE DESTRUCTION OR REMOVAL OF SHIPS THAT, BY REASON OF THEIR DISTRESS OR ABANDONMENT, ARE LIABLE TO POLLUTE CANADIAN WATERS. THE ACT SETS PENALTIES FOR VIOLATIONS.

CANADA
LR(A)

CANADA SHIPPING ACT - CAN. STAT. C. 27 PT. XIX (1970-72). ACTS OF PARLIAMENT OF CANADA.

ENGLISH
ALSO FRENCH ALSO PM
WATER

00/00/71 PGS 543-575 EPA ID# 00370B

THIS ACT AUTHORIZES THE GOVERNOR IN COUNCIL TO MAKE REGULATIONS ON THE DISCHARGE OF POLLUTANTS INTO THE WATERS FROM A SHIP, TO CLASSIFY POLLUTANTS, PRESCRIBE THE MANNER IN WHICH THEY MAY BE CARRIED ABOARD SHIPS, SET SAFETY STANDARDS AND REQUIRE RECORDS TO BE KEPT ON LOADING AND UNLOADING OPERATIONS IN CANADIAN WATERS. FURTHER IT GRANTS POLLUTION PREVENTION OFFICERS THE RIGHT TO REQUIRE SHIPS TO REPORT ON THEIR COMPLIANCE WITH REGULATIONS, TO BOARD AND INSPECT SHIPS, ORDER THEM OUTSIDE OF CANADIAN WATERS AND TO REQUIRE ANY SHIP TO HELP CLEAN UP ANY POLLUTANT WHEN A GRAVE DANGER EXISTS. THE ACT MAKES OWNERS OF OFFENDING SHIPS LIABLE FOR THE COSTS OF ACTIONS TAKEN TO REMEDY CONDITIONS OF POLLUTION RESULTING FROM ILLEGAL DISCHARGE. IT ALSO ESTABLISHES A MARITIME POLLUTION CLAIMS FUND, AUTHORIZES LEVIES ON BULK OIL IMPORTED INTO CANADA, AND PROVIDES PENALTIES FOR VIOLATORS OF THESE PROVISIONS.

CANADA
LR(A)

CANADA SHIPPING ACT, CAN. STAT. C. 27, PART XX (1970-72) - MARITIME POLLUTION CLAIMS FUND REGULATIONS. SOR/72-33, 106 CAN. GAZ. PT. II 226 (FEB 7, 1972).

ENGLISH
ALSO SE/ALSO FRENCH
WATER

02/23/72 PGS 226-229 EPA ID# 00370C

THESE REGULATIONS SET THE AMOUNT, PAYABLE INTO THE MARITIME POLLUTION CLAIMS FUND, TO BE LEVIED ON EACH TON OF OIL IMPORTED INTO CANADA IN BULK OR ON EACH TON OF OIL SHIPPED FROM ANY PLACE IN CANADA IN BULK AS A CARGO OF A SHIP WHEN THE SECURITY FOR THE PAYMENT HAS CONFORMED IN AMOUNT AND FORM ACCEPTABLE TO THE MINISTER. THE REGULATIONS ALSO CONTAIN DECLARATION FORMS THAT EACH IMPORTER OR EXPORTER OF RECORD MUST FILE WITH THE COLLECTOR OF CUSTOMS AND EXCISE. FURTHER, THE REGULATIONS SET THE FUND'S INTEREST RATE.

N AM
CANADA
LR(A)

CANADA SHIPPING ACT. CAN. STAT. C 27 (1970-72) - OIL POLLUTION PREVENTION REGULATIONS.

ENGLISH
ALSO FRENCH
WATER
10/13/71 PGS 1723-1734 EPA ID# 00370D

PART I OF THESE REGULATIONS PROHIBITS THE DISCHARGE FROM ANY SHIP OF OIL OR OILY MIXTURES INTO CANADIAN WATERS AND FISHING ZONES UNLESS SUCH ACTION IS NECESSARY TO AVOID LOSS OF LIFE OR THE LOSS OR THE STRANDING OF THE SHIP OR IS A MINIMAL AND UNAVOIDABLE ASPECT OF THE SHIP'S OPERATION. IT FURTHER REQUIRES THE MASTER OF A SHIP TO REPORT IMMEDIATELY UNAUTHORIZED DISCHARGES OR THE IMMINENCE THEREOF. PART II ENJOINS ALL CANADIAN SHIPS IN NON-CANADIAN WATERS FROM DISCHARGING PERSISTENT OIL OR OILY MIXTURES INTO THE WATER UNLESS THERE IS DANGER TO THE SHIP AND TO PERSONS ABOARD. PART III DEALS WITH THE LOADING AND UNLOADING FACILITIES IN CANADA AND IN ITS WATERS AND FISHING ZONES AND APPLIES TO ALL SHIPS EXCEPT HER MAJESTY'S WARSHIPS AND CERTAIN SMALL VESSELS. PART IV CONTAINS REGULATIONS ON THE MAINTENANCE OF THE OIL RECORD BOOKS.

CANADA
LR(A)

CANADA SHIPPING ACT. GARBAGE POLLUTION PREVENTION REGULATIONS. SOR/71-654 105 CAN. GAZ. PT. II 2134 (DEC 14, 1971).

ENGLISH
ALSO FRENCH
WATER
12/22/71 PGS 2134-2135 EPA ID# 00370E

THESE REGULATIONS PROSCRIBE THE THROWING OR DISCHARGE OF GARBAGE, GALLEY WASTE, PAPER, RAGS, JUNK OR SIMILAR REFUSE FROM SHIPS INTO THE TERRITORIAL SEAS OR INLAND WATERS OF CANADA.

CANADA
LR(A)

FISHERIES ACT. CAN. REV. STAT. C. F-4 (1970); AMENDED 1ST SUPP. 1970, C. 17.

ENGLISH
ALSO FRENCH/P. 3135-3136
WATER
00/00/70 PGS 3145-3149 EPA ID# 00512A

THIS ACT, ADMINISTERED BY THE MINISTER OF FISHERIES AND FORESTRY, PROHIBITS ANY PERSON FROM THROWING OVERBOARD OR DEPOSITING UPON THE SHORES OR BANKS OF WATERS USED FOR FISHING ANY BALLAST, COAL ASHES, STONES OR OTHER PREJUDICIAL OR DELETERIOUS SUBSTANCES AND FROM LEAVING DECAYING FISH AND THE LIKE ON THE BANKS, THE SHORE OR THE BEACH BETWEEN THE HIGH AND LOW WATER MARK. IT FURTHER ESTABLISHES PENALTIES FOR VIOLATION. THE GOVERNOR IN COUNCIL MAY ISSUE REGULATIONS PRESCRIBING THE SUBSTANCES AND CLASSES OF SUBSTANCES, THE QUANTITIES OR CONCENTRATIONS, AND TREATMENTS, PROCESSES AND CHANGES OF WATER FOR THE PURPOSES OF DEFINING DELETERIOUS SUBSTANCES.

N AM
CANADA
LR(A)

FISHERIES ACT. CHLOR-ALKALI MERCURY REGULATIONS: CAN. REV. STAT. C. F-14 (1970) AS AMENDED 2ND SUPP. 1970, C. 17.

ENGLISH
ALSO FRENCH/P. 661-671
WATER

04/12/72 PGS 436-440 EPA ID# 00512B

THESE REGULATIONS AUTHORIZE MERCURY IN THE LIQUID EFFLUENT FROM A PLANT TO BE PLACED IN WATERS FREQUENTED BY FISH PROVIDING THE QUANTITY DEPOSITED BY THE PLANT IN ONE DAY DOES NOT EXCEED .005 POUND PER TON OF CHLORINE PRODUCED BY THE PLANT IN THE SAME DAY. THE AMOUNT OF MERCURY SHALL BE DETERMINED FROM A COMPOSITE SAMPLE. THE REGULATIONS REQUIRE THE OWNER OR SUPERVISOR OF SUCH A PLANT TO KEEP RECORDS AND SUBMIT THEM TO THE MINISTER AS REQUESTED. THE FORMAT OF THESE RECORDS IS ILLUSTRATED IN THE ANNEXES.

CANADA
LR(A)

"AN ACT TO AMEND THE FISHERIES ACT." REVISED STATUTES OF CANADA, C. 17 (FIRST SUPP., 1970).

ENGLISH
ALSO FRENCH
WATER

00/00/70 PGS 661-668 EPA ID# 00512C

THIS ACT AMENDS SECTION 33 OF THE FISHERIES ACT TO STRENGTHEN PROVISIONS AGAINST DUMPING DELETERIOUS SUBSTANCES INTO FISHING WATERS. THE GOVERNOR IN COUNCIL IS AUTHORIZED TO MAKE REGULATIONS ESTABLISHING LISTS OF DELETERIOUS SUBSTANCES AND THEIR HARMFUL CONCENTRATIONS, AND CONTROLLING PROCESSES HARMFUL TO WATER QUALITY. PERSONS RESPONSIBLE FOR UNAUTHORIZED DISCHARGE OF DELETERIOUS SUBSTANCES INTO FISHING WATERS ARE SUBJECT TO A FINE OF $,000 DOLLARS FOR EVERY DAY ON WHICH THE OFFENSE OCCURS. PLANS FOR CONSTRUCTION OR ALTERATION OF ENTERPRISES LIKELY TO CAUSE DISCHARGE OF DELETERIOUS SUBSTANCES INTO FISHING WATERS MUST BE APPROVED BY THE MINISTER OF THE ENVIRONMENT. THE MINISTER MAY REQUIRE CHANGES IN SUCH PLANS OR PROHIBIT CONSTRUCTION ALTOGETHER. INSPECTORS MAY BE APPOINTED TO ENSURE THAT ENTERPRISES COMPLY WITH THE MINISTER'S REGULATIONS.

CANADA
LR(A)

"FISHERIES ACT, PULP AND PAPER EFFLUENT REGULATIONS" (SOR/71-578). CANADA GAZETTE, PART 2, V. 105, N. 22.

ENGLISH
ALSO FRENCH
WATER

11/24/71 PGS 1886-92 EPA ID# 00512D

THESE REGULATIONS, ISSUED PURSUANT TO THE FISHERIES ACT ON NOV 2, 2971 BY THE MINISTER OF THE ENVIRONMENT THROUGH THE GOVERNOR IN COUNCIL, ESTABLISH DETAILED TECHNICAL STANDARDS TO CONTROL THE DISCHARGE OF DELETERIOUS SUBSTANCES FROM PAPER AND PULP MILLS INTO FISHING WATERS. "DELETERIOUS SUBSTANCE" IS DEFINED TO INCLUDE TOTAL SUSPENDED SOLIDS IN EFFLUENTS, OXYGEN-DEMANDING DECOMPOSIBLE ORGANIC WASTE MATTER, AND WASTES TOXIC TO FISH. MILL OPERATORS MUST MONITOR EFFLUENTS AND KEEP RECORDS NECESSARY FOR THE MINISTER TO DETERMINE IF THE MILL IS DISCHARGING WASTES IN EXCESS OF AUTHORIZED QUANTITIES. PERMITTED DEPOSITS OF TOTAL SUSPENDED SOLIDS AND OF OXYGEN-DEMANDING DECOMPOSIBLE ORGANIC MATTER ARE ESTABLISHED IN SCHEDULES A AND B FOR VARIOUS TYPES OF PAPER AND PULP MILLS IN RELATION TO THE AMOUNT OF MATERIAL PROCESSED OR PRODUCT PRODUCED. PROCEDURES FOR MEASURING TOXICITY OF EFFLUENTS AND DETERMINING BIOCHEMICAL OXYGEN DEMAND ARE ESTABLISHED IN SCHEDULES D AND E.

N AM
CANADA
LR(A)

"FISHERIES ACT. PETROLEUM REFINERY LIQUID EFFLUENT REGULATIONS" (P.C. 1973-3440). CANADA GAZETTE, PART 2, V. 107, N. 21.

ENGLISH
ALSO FRENCH
WATER
11/14/73 PGS 2720-27
EPA ID# 00512E

THESE REGULATIONS, ISSUED BY THE MINISTER OF THE ENVIRONMENT UNDER THE "FISHERIES ACT," APPLY TO ALL PETROLEUM REFINERIES BEGINNING OPERATION AFTER NOV 1, 1973. "DELETERIOUS SUBSTANCES" ARE DEFINED AS OIL AND GREASE, PHENOLS, SULFIDE, AMONIA NITROGEN, SUSPENDED MATTER, AND SUBSTANCES ALTERING PH LEVEL. DISCHARGE OF ANY DELETERIOUS SUBSTANCE MUST BE AUTHORIZED BY THE MINISTER OF THE ENVIRONMENT. CALCULATION OF PERMISSIBLE DISCHARGE A A REFINERY IS BASED ON DAILY RATE OF OIL PRODUCTION AND INCLUDES HARMFUL SUBSTANCES IN STORM RUNOFF AND UNTREATED EFFLUENTS FROM COOLING PLANTS. THE PH LEVEL OF EFFLUENTS MUST BE BETWEEN 6.0 AND 9.5. APPROVED FACILITIES FOR MONITORING EFFLUENTS MUST BE MAINTAINED AT EVERY REFINERY AND A MONTHLY REPORT FILED WITH THE MINISTER. THE SCHEDULES CONTAIN DETAILED TECHNICAL PROCEDURES TO DETERMINE AUTHORIZED QUANTITIES OF HARMFUL SUBSTANCES IN EFFLUENTS AND ACTUAL AMOUNTS OF WASTES DISCHARGED, TO MEASURE PH LEVELS, AND TO DETERMINE PRESENCE AND CONCENTRATIONS OF VARIOUS HARMFUL SUBSTANCES IN EFFLUENTS.

CANADA
LR(B)

"PETROLEUM REFINERY POLLUTION CONTROL REGULATIONS ANNOUNCED." ENVIRONMENT CANADA NEWS RELEASE
ENVIRONMENT CANADA
ENGLISH
WATER
11/01/73 PGS 1-2
EPA ID# 00512F

IN THIS NEWS RELEASE, THE FEDERAL ENVIRONMENT MINISTER ANNOUNCES THE RELEASE OF NEW ANTI-POLLUTION STANDARDS APPLICABLE TO OIL REFINERIES COMMENCING OPERATION AFTER NOV., 1, 1973. MODIFICATIONS OF OLD REFINERIES ARE ALSO SUBJECT TO NEW STANDARDS. REFINERIES ALREADY IN OPERATION WILL ALSO BE SUBJECT TO NEW REGULATIONS, BUT DETAILS HAVE YET TO BE NEGOTIATED. THE MINISTER EXPECTS THAT ALL REFINERIES WILL MEET THE NEW STANDARDS BY 1977. AS ANTI-POLLUTION TECHNOLOGY IMPROVES, THE STANDARDS ARE TO BE REVIEWED AND MADE MORE STRINGENT. THESE REGULATIONS APPLY THROUGHOUT CANADA. HOWEVER, MORE STRINGENT REQUIREMENTS MAY BE SET BY THE FEDERAL GOVERNMENT OR BY LOCAL AUTHORITIES TO PROTECT ENVIRONMENTALLY SENSITIVE AREAS. AN ATTACHED TABLE INDICATES EXPECTED REDUCTIONS IN POLLUTION OF WATER BY OIL REFINERIES WHEN THE NEW STANDARDS ARE MET. THE REGULATIONS WERE ISSUED UNDER THE FISHERIES ACT.

N AM
CANADA
LR(A)

NAVIGABLE WATERS PROTECTION ACT. CAN. REV. STAT. C. N-19 (1970).

ENGLISH
ALSO FRENCH/P. 5530-5535
WATER SOLID WASTE
00/00/70 PGS 5526-5526 EPA ID# 00513A

SECTIONS OF THIS ACT PROHIBIT THE DEPOSIT OF RUBBISH, THE WASTE PRODUCTS OF LOGGING, OR ANY OTHER MATERIAL INTO NAVIGABLE WATERS OR THEIR TRIBUTARIES WHEN THERE ARE NOT AT LEAST 20 FATHOMS OF WATER PRESENT AT ALL TIMES. THE GOVERNOR IN COUNCIL MAY DECLARE WATERS EXEMPT FROM THIS BAN AFTER SATISFYING HIMSELF THAT THE PUBLIC INTEREST IS NOT IMPAIRED. PROVISIONS OF THIS ACT ARE THE ADMINISTRATIVE RESPONSIBILITY OF THE MINISTER OF TRANSPORT.

CANADA
LR(A)

ARCTIC WATERS POLLUTION PREVENTION ACT. CAN. REV. STAT. C. 2 (1ST SUPP. 1970).

ENGLISH
ALSO FRENCH
WATER SOLID WASTE
00/00/70 PGS 3-25 EPA ID# 00514A

THIS ACT PROHIBITS ANY PERSON OR SHIP FROM DEPOSITING WASTE OF ANY TYPE IN THE ARCTIC WATERS OR ON ANY PLACE ON THE MAINLAND OR ISLANDS EXCEPT AS AUTHORIZED BY THE PROVISIONS OF THIS ACT. THE GOVERNOR IN COUNCIL IS REQUIRED TO PASS ON ANY PLANS TO CONSTRUCT, ALTER OR EXTEND ANY WORKS IN ORDER TO DETERMINE WHETHER THE DEPOSIT OF WASTE FROM SUCH ACTIVITY WILL EXCEED PERMISSIBLE LIMITS. HE MAY ALSO ORDER THE DESTRUCTION OR REMOVAL OF ANY SUNKEN SHIP OR VESSEL IN DISTRESS IF IT IS CAUSING OR IS LIKELY TO CAUSE SUCH A DEPOSIT. THE ACT AUTHORIZES POLLUTION PREVENTION OFFICERS TO ENTER ANY PLACE OR AREA (OTHER THAN A SHIP OR PRIVATE DWELLING) TO CHECK ON WASTE DEPOSITS AND TO BOARD ANY SHIP WITHIN A SHIPPING SAFETY CONTROL ZONE TO LOOK FOR VIOLATIONS OF PRESCRIBED STANDARDS.

CANADA
LR(A)

ARCTIC WATERS POLLUTION ACT, CAN. REV. STAT. C. 2 (1ST SUPP. 1970); ARCTIC WATERS POLLUTION PREVENTION REGULATIONS.

ENGLISH
ALSO FRENCH
WATER
07/26/72 PGS 1033-1037 EPA ID# 00514B

PART I OF THESE REGULATIONS DEALS WITH THE DEPOSIT OF DOMESTIC OR INDUSTRIAL WASTE IN ARCTIC WATERS OR ON ANY PLACE ON THE MAINLAND OR ON ISLANDS OF THE CANADIAN ARCTIC AND PROVIDE FOR THE REPORTING OF ANY VIOLATION OR ANY OCCURRENCE LIKELY TO CAUSE AN UNAUTHORIZED DEPOSIT OF WASTE. PART II OUTLINES THE CIVIL LIABILITY FOR THE DEPOSIT OF WASTE BY SHIPS IN ARCTIC WATERS.

N AM
CANADA
LR(A)

ARCTIC WATERS POLLUTION PREVENTION ACT. SHIPPING SAFETY CONTROL ZONES ORDER; CAN. REV. STAT. C. 2 (1ST SUPP. 1970).

ENGLISH
ALSO FRENCH
WATER
08/23/72 PGS 1468-1474 EPA ID# 00514C

THIS ORDER DESIGNATES SHIPPING SAFETY CONTROL ZONES FOR THE ARCTIC WATERS. A SCHEDULE DESCRIBES VERBALLY THEIR LOCATION. AND APPENDED MAPS COMPLEMENT THE DESCRIPTION.

CANADA
LR(A)

NORTHERN INLAND WATERS ACT. CAN. REV. STAT. C. 28 (1ST SUPP. 1970).

ENGLISH
ALSO FRENCH
WATER
00/00/70 PGS 883-905 EPA ID# 00517A

THIS ACT IS DESIGNED TO PROVIDE FOR THE CONSERVATION. DEVELOPMENT AND UTILIZATION OF THE YUKON TERRITORY AND NORTHWEST TERRITORIES. ADMINISTERED BY THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT ACTING THROUGH THE YUKON TERRITORY WATER BOARD AND THE NORTHWEST TERRITORIES WATER BOARD. THIS ACT PROHIBITS THE UNAUTHORIZED ALTERATION OR DIVERSION OF THE FLOW OR STORAGE OF WATERS WITHIN A WATER MANAGEMENT AREA OR USE OF WATERS WITHOUT A LICENSE. IT FURTHER BANS THE DEPOSITING OF WASTE IN THESE WATERS. UNDER ITS PROVISIONS THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS IN PROCEDURES FOR LICENSING. ESTABLISHING WATER MANAGEMENT AREAS. AND HE MAY LIFT THE APPLICABILITY OF THE ACT TO TERRITORIAL LANDS THAT HE BELIEVES ARE REQUIRED FOR THE PROTECTION OF ANY WATER RESOURCE AND ORDER ANY BOARD TO REFUSE A LICENSE.

CANADA
LR(A)

"CANADA WATER ACT." CAN. REV. STAT. C. 5 (1ST SUPP. 1970).

ENGLISH
ALSO PM/ ALSO FRENCH
WATER
00/00/70 PGS 33-62 EPA ID# 00521A

THIS ACT. ADMINISTERED BY THE MINISTER OF ENERGY. MINES AND RESOURCES. IS DESIGNED TO IMPROVE WATER QUALITY AND TO DEVELOP A COMPREHENSIVE PROGRAM OF WATER RESOURCE MANAGEMENT IN CANADA THROUGH COOPERATIVE AGREEMENTS WITH ONE OR MORE PROVINCES. WATER QUALITY AGENCIES ARE REQUIRED TO CONDUCT STUDIES AND RECOMMEND WATER QUALITY PLANS FOR DIFFERENT AREAS. THESE AGENCIES ARE EMPOWERED TO CONSTRUCT AND OPERATE WATER TREATMENT FACILITIES. TO TAKE WASTE SAMPLES. AND PRESCRIBE WATER QUALITY STANDARDS. THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS PRESCRIBING THE TYPES. QUALITY. AND TREATMENT OF WASTES. AND THE PROCEDURES TO CARRY OUT THE AIMS OF THIS ACT. THE GOVERNOR IN COUNCIL SHALL ALSO ISSUE REGULATIONS TO ESTABLISH THE CONCENTRATION OF NUTRIENTS THAT MAY BE ADDED TO ANY CLEANING AGENT OR WATER CONDITIONER AND TO PROVIDE THE MEANS TO DETERMINE WHETHER MANUFACTURERS ARE COMPLYING WITH THESE STANDARDS.

N AM
CANADA
LR(A)

CANADA WATER ACT. PHOSPHORUS CONCENTRATION CONTROL REGULATIONS. SOR/70-354 104 CAN. GAZ. PT. II. 863 (JULY 19, 1970).

ENGLISH 08/26/70 PGS 863 EPA ID# 005218
ALSO FRENCH
WATER

THESE REGULATIONS SET THE PERMISSIBLE CONCENTRATION OF PRESCRIBED NUTRIENTS. INTERPRETED HERE AS PHOSPHORUS AND ALL ITS COMPOUNDS, IN LAUNDRY DETERGENTS. AFTER AUG. 1, 1970, THE CONCENTRATION IS SET AT 20 PERCENT BY WEIGHT EXPRESSED AS PHOSPHORUS PENTOXIDE OR 8.7 PERCENT BY WEIGHT EXPRESSED AS ELEMENTAL PHOSPHORUS. THE METHOD PRESCRIBED BY THE AMERICAN SOCIETY FOR TESTING AND MATERIALS SHALL BE USED IN DETERMINING THE CONCENTRATION BY WEIGHT OF PRESCRIBED MATERIALS IN ANY LAUNDRY DETERGENT.

CANADA
LR(A)

"NATIONAL HARBOURS BOARD ACT." CAN. REV. STAT. C. N-8 (1970).

ENGLISH 00/00/70 PGS 5309-5327 EPA ID# 00842A
ALSO FRENCH
WATER SOLID WASTE

THIS ACT, AS AMENDED BY C. 16 OF THE EXPROPRIATIONS ACT, 1ST SUPPLEMENT (1970), PROVIDES THAT THE MINISTER NAMED BY THE GOVERNOR IN COUNCIL TO ADMINISTER THIS ACT SHALL APPOINT A NATIONAL HARBORS BOARD WITH JURISDICTION AND CONTROL OVER CERTAIN DESIGNATED HARBORS. THE GOVERNOR IN COUNCIL MAY MAKE BY-LAWS FOR THE DIRECTION AND MANAGEMENT OF THE BOARD AND THE ADMINISTRATION OF THESE HARBORS. THE BOARD MAY USE REASONABLE FORCE TO EXECUTE THE BY-LAWS WHEN VIOLATION THEREOF MAY CAUSE DANGER OR ANNOYANCE TO THE PUBLIC OR OBSTRUCT THE OPERATION OF A HARBOR. (FROM THIS POWER THE BOARD DERIVES AUTHORITY TO PREVENT THE DISCHARGE OF WASTES AND RUBBISH INTO HARBOR WATERS.)

CANADA
LR(A)

"NATIONAL HARBOURS BOARD BY-LAW A-1." SOR CONS./1955, V. 3.

ENGLISH 00/00/55 PGS 2252-2254 EPA ID# 008428
WATER SOLID WASTE

SECTION 4 OF THIS LAW PROHIBITS ANYONE FROM CAUSING OR FAILING TO DO ANYTHING WHICH MAY BRING ABOUT AN ENCUMBRANCE OF THE WATER OR SHORE OF ANY HARBOR OR AN OBSTRUCTION OR DANGER TO NAVIGATION IN THE HARBOR. IT FURTHER PROVIDES THAT NOTHING SHALL BE THROWN, DRAINED OR DISCHARGED INTO THE WATER, ALLOWED TO COME INTO CONTACT WITH THE WATER, OR DEPOSITED ANYWHERE WITHIN THE LIMITS OF THE HARBOR, WHICH MAY DAMAGE VESSELS OR PROPERTY OR CAUSE ANY NUISANCE OR ENDANGER LIFE OR HEALTH. THE SECTION EXEMPTS BALLAST OR RUBBISH ONLY WHEN THE HARBOR BOARD ASSIGNS DISPOSAL SITES.

N AM
CANADA
LR(B)

"GUIDELINES RELEASED FOR OIL SPILL DISPERSANTS." ENVIRONMENT CANADA NEWS RELEASE
ENVIRONMENT CANADA
ENGLISH
WATER 11/05/73 PGS 1 EBA ID# 01811A

THIS NEWS RELEASE, ISSUED BY THE ENVIRONMENT MINISTER, ANNOUNCES THE RELEASE OF FEDERAL GUIDLINES ON THE USE OF CHEMICAL AGENTS FOR DISPERSION OF OIL SPILLS. THE MINISTER NOTES THAT MOST CHEMICAL DISPERSANTS, IF NOT PROPERLY USED, CAN CAUSE MORE ENVIRONMENTAL DAMAGE THAN UNTREATED OIL SPILLS. UNDER THE NEW REGULATIONS, CHEMICAL DISPERSANTS MAY BE USED ONLY WITH THE EXPRESS PERMISSION OF THE DEPARTMENT OF ENVIRONMENT. ACCEPTABLE CHEMICAL DISPERSANTS ARE LISTED AS WELL AS CONDITIONS FOR THEIR USE.

CANADA
LR(A)

"WATER RESOURCES MANAGEMENT ACT, 1972." STATUTES OF SASKATCHEWAN 1971-1972, 1972, CHAPTER 146

ENGLISH
WATER 00/00/72 PGS 831-854 EPA ID# 02344A

THIS ACT, ADMINISTERED BY THE SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT AND FUNDED BY APPROPRIATIONS OF THE PROVINCIAL LEGISLATURE, CONTAINS PROVISIONS FOR THE MANAGEMENT OF WATER RESOURCES IN THE PROVINCE OF SASKATCHEWAN, CANADA. THE RESPONSIBILITIES OF THE MINISTER OF THE ENVIRONMENT AND THE LIEUTENANT GOVERNOR IN COUNCIL AS WELL AS OTHER SPECIFIC PROVISIONS REGARDING WATER RESOURCES ARE DISCUSSED UNDER THE FOLLOWING HEADINGS IN THE ACT: GENERAL DUTIES OF THE MINISTER OF THE ENVIRONMENT; BASIC DATA AND RESEARCH; INVESTIGATION AND PLANNING; INTERPROVINCIAL AND INTERNATIONAL WATERS; REFERRED PROJECTS; WATER MANAGEMENT; RESERVOIR LAND USE; WATERWORKS, SEWAGE WORKS AND POLLUTION CONTROL; AND ORDERS CONCERNING THE LEGAL ATTRIBUTES OF THE ACT. THIS ACT, DATED MAY 5, 1972, REPEALS THE WATER RESOURCES COMMISSION ACT AND ENTERS INTO FORCE THE SAME DAY ON WHICH THE DEPARTMENT OF THE ENVIRONMENT ACT, 1972 COMES INTO FORCE.

CANADA
LR(A)

PROPOSED REGULATIONS RESPECTING PREVENTION OF POLLUTION OF THE GREAT LAKES WATERS BY SEWAGE FROM SHIPS
CANADA. MINISTRY OF TRANSPORT
ENGLISH
WATER 01/31/75 PGS 1-12 EPA ID# 02811A

THIS DOCUMENT CONTAINS REGULATIONS PROPOSED BY THE CANADIAN MINISTRY OF TRANSPORT WHICH, IF PASSED, WILL PROSCRIBE THE DISCHARGE OF UNTREATED SEWAGE BY SHIPS OTHER THAN PLEASURE CRAFTS AND ESTABLISH STANDARDS OF ACCEPTABILITY FOR TREATED EFFLUENTS. RESTRICTIONS ON THE DISCHARGE OF SUCH TREATED EFFLUENTS PROHIBIT THEIR DISCHARGE WITHIN A ONE MILE LIMIT FROM THE NEAREST LAND OR WITHIN A ONE-HALF MILE RADIUS OF A POTABLE FRESH WATER INTAKE. INCLUDED IN THE REGULATIONS ARE PROVISIONS COVERING THE APPROVAL PROCEDURES AND INSTALLATION OF SUITABLE SANITATION DEVICES AS WELL AS THEIR DESIGN, CONSTRUCTION AND OPERATION.

N AM
CANADA
LR(A)

"JUNE 19, 1975 OCEAN DUMPING CONTROL ACT." ENVIRONMENT CANADA: DEPARTMENTAL MANUAL OF ACTS AND REGULATIONS, NO. 88
CANADA. ENVIRONMENT CANADA EPA
ENGLISH* 09/05/75 PGS 1-27 ID# 03070A
*ALSO FRENCH
WATER

THIS ACT, WHICH WILL BECOME EFFECTIVE BY PROCLAMATION, PROHIBITS ALL DUMPING OR DISPOSAL INTO THE OCEAN OR INTERNAL WATERS OF CANADA, EXCEPT IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF PERMITS. SUCH PERMITS SHALL BE GRANTED ONLY BY THE ENVIRONMENT MINISTER UPON RECEIPT OF AN APPLICATION AFTER SUCH FACTORS AS THE TOTAL AMOUNT AND AVERAGE COMPOSITION OF SUBSTANCES DUMPED, THE TOXICITY AND PERSISTENCE OF THE SUBSTANCES, THE CHARACTERISTICS OF DUMPING SITES AND THE METHODS OF DISPOSAL HAVE BEEN TAKEN INTO ACCOUNT. SCHEDULES I AND II OF THE ACT PRESCRIBE THOSE SUBSTANCES FOR WHICH PERMITS MAY NOT BE GRANTED, AND THOSE WHOSE DUMPING MUST BE RESTRICTED, RESPECTIVELY. THE ACT FURTHER PROVIDES FOR THE ESTABLISHMENT OF A BOARD OF REVIEW FOR COMPLAINTS REGARDING THE GRANTING OF A PERMIT OR ANY TERMS THEREOF. A FINAL SECTION CONCERNS PENAL OFFENSES AND CRIMINAL PROSECUTIONS.

CANADA
LR(A)

"OCEAN DUMPING CONTROL REGULATIONS." DEPARTMENTAL MANUAL OF ACTS AND REGULATIONS
CANADA. ENVIRONMENT CANADA EPA
ENGLISH 11/17/75 PGS 1-19 ID# 03070B
WATER

THESE REGULATIONS, PROMULGATED PURSUANT TO THE OCEAN DUMPING CONTROL ACT OF CANADA, CONTAIN SAMPLE FORMS OF APPLICATIONS FOR PERMITS TO DUMP SUBSTANCES AT SEA, PRESCRIBE THE FEES WHICH MUST ACCOMPANY PERMIT APPLICATIONS, LIST CRITERIA GOVERNING THE SUBMISSION OF REPORTS REQUIRED UNDER SUBSECTION 8(4) OF THE OCEAN DUMPING CONTROL ACT AND INDICATE THE OFFICES OF THE ENVIRONMENTAL PROTECTION SERVICE TO WHICH APPLICATIONS ARE TO BE SENT. IN ADDITION, FOR THE PURPOSES OF PARAGRAPH 9(5)(B) OF THE ACT, THE REGULATIONS SPECIFY NUMERICAL VALUES FOR THE MAXIMUM PERMISSIBLE CONCENTRATIONS OF TOXIC SUBSTANCES IN WASTES DUMPED AT SEA INCLUDING ORGANOHALOGEN COMPOUNDS, MERCURY AND MERCURY COMPOUNDS, CADMIUM AND CADMIUM COMPOUNDS, PERSISTENT PLASTICS AND SYNTHETICS, OIL, AND RADIOACTIVE SUBSTANCES.

N AM
CANADA
PM(B)

"NATIONWIDE AIR POLLUTION EMISSION INVENTORY COMPLETED." ENVIRONMENT CANADA
NEWS RELEASE

ENGLISH
AIR 02/08/73 PGS 1-5 EPA ID# 00945A

THIS NEWS RELEASE ISSUED BY ENVIRONMENT CANADA ANNOUNCES THE COMPLETION OF A CANADA-WIDE INVENTORY OF FIVE MAJOR AIR POLLUTANT EMISSIONS. POLLUTANTS COVERED IN THE INVENTORY ARE SULFUR OXIDES, PARTICULATES, CARBON MONOXIDE, NITROGEN OXIDES, AND HYDROCARBONS. THE SURVEY HAS BEEN BROKEN DOWN INTO FIVE MAJOR SOURCE CATEGORIES: INDUSTRIAL PROCESSES, FUEL COMBUTION IN STATIONARY SOURCES, TRANSPORTATION SOURCES, SOLID WASTE DISPOSAL, AND MISCELLANEOUS SOURCES. TRANSPORTATION ACCOUNTS FOR 57% OF TOTAL AIR POLLUTION EMISSIONS OF 31.2 MILLION TONS. THE INVENTORY ALSO SHOWS THAT ONE INDUSTRIAL SECTOR -- PRIMARY COPPER AND NICKEL -- ACCOUNTED FOR 14% OF THE TOTAL EMISSIONS IN CANADA. APPENDED TO THE NEWS RELEASE ARE TABLES INDICATING EMISSIONS BY SOURCE AND BY POLLUTANT

CANADA
PM(B)

CANADIAN TAXI SURVEY. ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-AP-74-4
CANADA. ENVIRONMENTAL PROTECTION SERVICE
ENGLISH
AIR 09/00/74 PGS 1-100 EPA ID# 02532A

THIS "ECONOMIC AND TECHNICAL REVIEW," ONE OF A SERIES OF REPORTS PREPARED BY OR FOR CANADA'S ENVIRONMENTAL PROTECTION SERVICE, INVESTIGATES TAXI OPERATIONS IN NINE CANADIAN CITIES TO ASSESS THEIR IMPACT ON AIR QUALITY. THIS IS PART OF A TOTAL PROGRAM TO EVALUATE MOTOR VEHICLE IMPACT ON AIR QUALITY IN CENTRAL AREAS OF CANADIAN CITIES, EVENTUALLY LEADING TO POLLUTION ABATEMENT STRATEGIES. MOST OF THE DATA WERE COLLECTED THROUGH A MAIL SURVEY OF TAXI COMPANIES, SUPPLEMENTED BY OTHER DATA WHEN AVAILABLE. THE STUDY IDENTIFIES TYPES OF TAXI OPERATIONS AND DISCUSSES THE REGULATION OF THE TAXI INDUSTRY. A STATISTICAL PROFILE OF TAXI OPERATIONS INCLUDES INFORMATION ABOUT TAXICAB FLEETS, ANNUAL AND DAILY DRIVING PATTERNS AND ENGINE MAINTENANCE. A FINANCIAL REVIEW OF THE INDUSTRY ENCOMPASSES DATA AS TO OWNERSHIP, FLEET SIZE, OPERATING COSTS, AND REVENUES AND EARNINGS. TWO APPENDIXES CONTAIN A) A REPRODUCTION OF THE QUESTIONNAIRE IN ENGLISH AND FRENCH, AND B) DETAILED RESULTS OF THE SURVEY. TABLES AND MAPS COMPLEMENT THE TEXT.

CANADA
PM(B)

CANADA'S AIR POLLUTION CONTROL PROGRAM
CANADA, ENVIRONMENT CANADA
ENGLISH
ALSO PMA AND LRB 09/00/75 PGS 1-46 EPA ID# 03418A
AIR

THE CANADIAN FEDERAL GOVERNMENT'S APPROACH TO THE CONTROL OF AIR POLLUTION AND THE POLICIES AND OBJECTIVES OF THE CANADIAN CLEAN AIR ACT ARE EXPLAINED IN THIS REPORT. PROVISIONS OF THE CLEAN AIR ACT IMPLEMENTED AND PROMOTED BY THE FEDERAL GOVERNMENT INCLUDE: FEDERAL-PROVINICAL COOPERATION IN AIR POLLUTION CONTROL, THE DESIGNATION OF NATIONAL AIR QUALITY OBJECTIVES, THE ESTABLISHMENT OF A NATIONAL AIR POLLUTION SURVEILLANCE NETWORK, PROMULGATION OF NATIONAL EMISSION GUIDELINES AND STANDARDS, COMPILATION OF HARMFUL POLLUTANTS INVENTORIES, DEVELOPMENT OF ADEQUATE POLLUTION CONTROL TECHNOLOGIES, ENSURING THE ENVIRONMENTAL SAFETY OF FEDERAL WORKS PROJECTS, AND INDIRECT CONTROL OF MOBILE AIR POLLUTION SOURCES THROUGH REGULATION OF FUEL AND FUEL ADDITIVE STANDARDS. THE REPORT IS SUBSTANTIALLY SUPPLEMENTED BY APPENDIXES CONTAINING SELECTED SPEECHES AND NEWS RELEASES WHICH EXPLAIN THE ROLE OF ENVIRONMENT CANAL., THE FEDERAL AND PROVINCIAL ROLES AND THE DEVELOPMENT AND PROMULGATION OF AIR QUALITY AND EMISSION STANDARDS AND OBJECTIVES.

N AM
CANADA
PM(B)

NATIONAL INVENTORY OF SOURCES AND EMISSIONS OF VANADIUM (1972). INTERNAL REPORT APCD 75-3
CANADA. ENVIRONMENT CANADA
ENGLISH 09/00/75 PGS 1-34 EPA ID# 03422A
AIR

ATMOSPHERIC EMISSIONS OF VANADIUM FROM VARIOUS SECTORS OF THE CANADIAN ECONOMY HAVE BEEN ESTIMATED FOR THE YEAR 1972. THE DATA PRESENTED IN THIS REPORT ARE SUMMARIZED BY PROVINCE AND SECTOR IN TABLE 1. TOTAL VANADIUM EMISSIONS TO THE ATMOSPHERE IN 1972 ARE ESTIMATED AT 2065 TONS. OF WHICH 97.2 PERCENT WAS EMITTED THROUGH THE USE OF PETROLEUM PRODUCTS. HEAVY FUEL OIL COMBUSTION IS THE LARGEST SINGLE SOURCE OF VANADIUM EMISSIONS. ACCOUNTING FOR 94.1 PERCENT OF THE TOTAL. ON A GEOGRAPHIC BASIC. EASTERN CANADA ACCOUNTS FOR OVER 90 PERCENT OF THE TOTAL VANADIUM EMISSIONS. WITH 64 PERCENT COMING FROM THE PROVINCE OF QUEBEC. THIS SITUATION RESULTS PRIMARILY FROM THE COMBUSTION OF SIGNIFICANT QUANTITIES OF HIGH-VANADIUM-CONTENT VENEZUELAN HEAVY OIL. ALTHOUGH MOST EMISSIONS HAVE BEEN ESTIMATED USING AVAILABLE CANADIAN DATA. IT WAS SOMETIMES NECESSARY TO RELY ON INFORMATION FROM THE UNITED STATES.

CANADA
PM(B)

AN ANNOTATED BIBLIOGRAPHY OF CANADIAN AIR POLLUTION LITERATURE.
ECONOMIC AND TECHNICAL REVIEW REPORT EPS-3-AP-75-2
SPARROW, CHRISTOPHER J..AND LESLIE T. FOSTER, COMP.
ENGLISH 04/00/75 PGS 1-270 EPA ID# 03444A
AIR

PUBLISHED IN THE SERIES OF ECONOMIC AND TECHNICAL REVIEW REPORTS BY THE AIR POLLUTION CONTROL DIRECTORATE OF ENVIRONMENT CANADA. THIS BIBLIOGRAPHY CONTAINS A TOTAL OF 1012 ANNOTATED REFERENCES TO LITERATURE DEALING WITH AIR POLLUTION IN CANADA. ANTECEDENTS CONCERNING THE PREPARATION OF SOURCE MATERIALS FOR THIS BIBLIOGRAPHY ARE EXPLAINED IN THE INTRODUCTION. AND THE ANNOTATIONS THEMSELVES. CONTAINED IN THE BODY OF THE WORK. ARE ARRANGED ALPHABETICALLY BY AUTHOR UNDER THE FOLLOWING CHAPTERS: COMPREHENSIVE AND GENERAL ASPECTS; DATA; CAUSES; EFFECTS; ADJUSTMENT AND CONTROL; SOCIAL ASPECTS; AND RESEARCH. AT THE END OF EACH SECTION OF ANNOTATIONS. CROSS-REFERENCE IS MADE TO OTHER ANNOTATIONS OF RELEVANCE TO THAT CATEGORY. AUTHOR. SUBJECT AND GEOGRAPHICAL INDEXES ARE ALSO INCLUDED IN THE BIBLIOGRAPHY.

N AM
CANADA
PM(A)

ENVIRONMENT CANADA: ITS ORGANIZATION AND OBJECTIVES.

ENGLISH 00/00/71 PGS 1-14 EPA ID# 00942A
FRENCH; ALSO LRB
GENERAL

THIS PAMPHLET DESCRIBES THE ORGANIZATION AND OBJECTIVES OF THE DEPARTMENT OF THE ENVIRONMENT, WHICH OFFICIALLY CAME INTO BEING JUNE 11, 1971, FOLLOWING THE PROCLAMATION OF THE GOVERNMENT ORGANIZATION ACT, 1970. THE SIX GOALS OF THE DEPARTMENT, ALSO KNOWN AS ENVIRONMENT CANADA, ARE: TO CARRY ON ESTABLISHED RESOURCE PROGRAMS AND SERVICES; TO CLEAN UP AND CONTROL POLLUTION; TO ASSESS AND CONTROL THE ENVIRONMENTAL IMPACT OF MAJOR DEVELOPMENT; TO INITIATE LONG-TERM ENVIRONMENTAL PROGRAMS; TO PROMOTE AND SUPPORT INTERNATIONAL ENVIRONMENTAL INITIATIVES; TO DEVELOP AN ENVIRONMENTAL INFORMATION AND EDUCATION PROGRAM. THE ORGANIZATION OF THE DEPARTMENT IS DIAGRAMMED AND THE FUNCTIONS OF THE SIX ASSISTANT DEPUTY MINISTERS AND THE THREE DIRECTORS GENERAL ARE REVIEWED. BRIEF BIOGRAPHIES OF THE TOP 11 OFFICIALS ARE ALSO PRESENTED.

CANADA
PM(A)

"REORGANIZATION - ENVIRONMENT CANADA." ENVIRONMENT CANADA NEWS RELEASE.

ENGLISH 12/15/73 PGS 1-4 EPA ID# 00944A
GENERAL

THIS NEWS RELEASE ANNOUNCES THE REORGANIZATION, EFFECTIVE JANUARY 1, 1973, OF THE DEPARTMENT OF THE ENVIRONMENT, WHICH WILL HAVE TWO PRINCIPAL COMPONENTS: (1) FISHERIES AND MARINE SERVICES, AND (2) ENVIRONMENTAL SERVICES, EACH HEADED BY A SENIOR ASSISTANT DEPUTY MINISTER. THE NAMES OF THE NEW OFFICIALS ARE GIVEN AND THEIR FUNCTIONS WITHIN THE REORGANIZED DEPARTMENT ARE BRIEFLY EXPLAINED. AN ORGANIZATION CHART IS ALSO INCLUDED.

CANADA
PM(A)

DEPARTMENT OF FISHERIES AND FORESTRY. ANNUAL REPORT FOR THE FISCAL YEAR ENDED MARCH 31, 1971

ENGLISH 00/00/72 PGS 1-51 EPA ID# 00978A
ALSO FRENCH; ALSO SE
GENERAL

THIS REPORT SUMMARIZES THE ACTIVITIES AND PROGRAMS OF THE PRINCIPAL DIVISIONS OF THE MINISTRY OF FISHERIES AND FORESTRY: (1) THE FISHERIES SERVICE, WITH ITS INDUSTRIAL DEVELOPMENT BRANCH, RESOURCE DEVELOPMENT BRANCH, INSPECTION BRANCH, CONSERVATION AND PROTECTION BRANCH, AND ECONOMICS BRANCH; (2) THE CANADIAN FORESTRY SERVICE; (3) THE CANADIAN WILDLIFE SERVICE; (4) THE WATER MANAGEMENT SERVICE, WITH ITS MARINE SCIENCES BRANCH, INLAND WATERS BRANCH, WATER PLANNING AND OPERATIONS BRANCH; (5) THE CANADIAN METEOROLOGICAL SERVICE; AND (6) THE ENVIRONMENTAL QUALITY DIRECTORATE.

N AM
CANADA
PM(B)

INVENTORY OF POLLUTION-RELEVANT RESEARCH IN CANADA. 1972 INTERIM REPORT.
VOLUME 1 - EXPERTISE. VOLUME 2 - PROJECTS.
SUTTON, R.M.D., C. QUADLING, AND R. LEPRADE, COMPS. EPA
ENGLISH 04/00/72 PGS 1-340 ID# 01025A
ALSO FRENCH
GENERAL

THIS INVENTORY OF CANADIAN RESEARCH ON POLLUTION RELEVANT EXPERTISE AND PROJECTS, WITH ITS INTRODUCTORY EXPLANATIONS IN FRENCH AND ENGLISH, WAS COMPILED BY THE ENVIRONMENTAL SECRETARIAT, DIVISION OF BIOLOGICAL SCIENCES, NATIONAL RESEARCH COUNCIL OF CANADA. IT IS TWO VOLUMES IN ONE: THE FIRST IS A COMPILATION OF EXPERTISE; THE SECOND IS A COMPILATION OF PROJECTS. BOTH VOLUMES ARE IDENTICALLY ORGANIZED INTO THREE PARTS. THE FIRST PART IS A LIST OF ENTRIES, GIVING THE NUMBER WHICH THE NATIONAL RESEARCH COUNCIL ASSIGNED TO A RESEARCHER, AND INCLUDES THE NAME, CATEGORIES OF PROJECTS THE RESEARCHER IS STUDYING, AND HIS MAILING ADDRESS. THE SECOND PART IS AN ALPHABETICAL LIST OF THE CONTRIBUTORS. THE THIRD PART IS A SUBJECT INDEX, WHICH IS ARRANGED ALPHABETICALLY. THIS IS AN INTERIM REPORT BASED ON A COMPUTER PRINTOUT.

CANADA
PM(A)

"FEDERAL GOVERNMENT DEVELOPMENTS TO BE SCREENED FOR ENVIRONMENTAL EFFECTS."
ENVIRONMENT CANADA NEWS RELEASE
CANADA. ENVIRONMENT CANADA EPA
ENGLISH 03/14/74 PGS 1-3 ID# 01850A
GENERAL

IN THIS NEWS RELEASE, ENVIRONMENT MINISTER JACK DAVIS ANNOUNCES THAT ALL FEDERAL DEPARTMENTS AND AGENCIES, AS WELL AS FIRMS UNDER FEDERAL JURISDICTION, WOULD HAVE TO SUBMIT ENVIRONMENTAL IMPACT STATEMENTS IN THE EARLY STAGES OF PLANNING DEVELOPMENT PROJECTS. IMPACT STATEMENTS WOULD BE REVIEWED BY A PANEL OF EXPERTS AT THE MINISTRY OR SUBMITTED TO AN EXTERNAL REVIEW BOARD APPOINTED BY ENVIRONMENT CANADA AND OTHER INTERESTED MINISTRIES. PUBLIC HEARINGS COULD BE HELD IF INTEREST WARRANTED THEM. REVIEW PANELS COULD REJECT PLANS OR REQUIRE CHANGES BEFORE APPROVAL FOR CONSTRUCTION IS GRANTED. IN ADDITION TO THE CENTRAL PANEL IN OTTAWA, THERE WOULD BE REGIONAL PANELS, AND PROVISIONS ARE MADE TO ESTABLISH JOINT REVIEW BOARDS INVOLVING FEDERAL AND PROVINCIAL GOVERNMENTS. THE MINISTER SAID THAT THE REVIEW PROCESS IS INTENDED TO PROVIDE FOR EXAMINATION OF ALTERNATIVES AND SELECTION OF THE LEAST ENVIRONMENTALLY HAZARDOUS PLANS WITHOUT RESULTING IN PROLONGED LEGAL BATTLES SUCH AS IN THE UNITED STATES.

N AM
CANADA
PM(A)

"POLLUTION AND THE NATURAL ENVIRONMENT." ENGINEERING JOURNAL. V. 56/3.
LUCAS, K.C.
ENGLISH LOC
ALSO LR8
GENERAL AIR WATER 03/00/73 PGS 18-22 ID# 02136A

WRITTEN BY THE ASSISTANT DEPUTY MINISTER FOR THE CANADIAN FEDERAL DEPARTMENT OF THE ENVIRONMENT, THIS ARTICLE DISCUSSES THE CANADIAN APPROACH TO THE PROBLEMS OF POLLUTION AND THE GOVERNMENT'S ACTIONS TO SOLVE THEM. THESE ACTIONS ARE PART OF A TWO-PHASED PROGRAM AIMED FIRST AT CORRECTING THE IMMEDIATE PROBLEMS (ROLL-BACK) AND THEN AT PRESERVING ENVIRONMENTAL QUALITY (HOLD FAST). CANADA'S LEGISLATIVE PROGRAM FOCUSES THEREFORE ON POINT SOURCE CONTROL RATHER THAN ON THE RECEIVING ENVIRONMENTS, SINCE THE LATTER APPROACH WOULD DEPEND ON INFORMATION WHICH IS NOT PRESENTLY AVAILABLE CONCERNING RELIABLE DATA ON TOLERABLE LEVELS OF POLLUTION. THE ARTICLE MAKES USE OF EXAMPLES IN THE FIELD OF WATER AND AIR POLLUTION AND POINTS UP PREVENTIVE PROGRAMS AND INTERNATIONAL COLLABORATION. AS EXAMPLES OF THE LATTER, THE ARTICLE SINGLES OUT THE GREAT LAKES WATER QUALITY AGREEMENT AND THE JOINT U.S.-CANADIAN PROGRAM TO COMBAT AIR POLLUTION IN THE DETROIT-WINDSOR AREA.

CANADA
PM(A)

ANNUAL REPORT FOR THE FISCAL YEAR ENDING MARCH 31, 1973.
ENVIRONMENT CANADA.
ENGLISH* EPA
*ALSO FRENCH
GENERAL 00/00/74 PGS 1-45 ID# 02183A

THIS IS THE ANNUAL REPORT PREPARED BY THE CANADIAN DEPARTMENT OF THE ENVIRONMENT, ALSO KNOWN AS ENVIRONMENT CANADA, WHICH HAS AS ITS PRIMARY DUTY THE PROTECTION OF CANADA'S AIR, WATER, AND LAND RESOURCES. THE DEPARTMENT WAS REORGANIZED EFFECTIVE JANUARY 1, 1973, IN ORDER TO RESPOND BETTER TO THE DEMANDS FOR SERVICES. DETAILS OF THIS REORGANIZATION ARE GIVEN IN REPORTS OF THE VARIOUS SERVICES, ALONG WITH A SUMMARY OF WORK ACCOMPLISHED AND PROJECTS UNDER WAY. THE SERVICES COVERED ARE FISHERIES AND MARINE SERVICE; ENVIRONMENTAL SERVICES, COMPOSED OF THE ATMOSPHERIC ENVIRONMENT SERVICE, THE ENVIRONMENTAL MANAGEMENT SERVICE (INCLUDING THE CANADIAN FORESTRY SERVICE, THE INLAND WATERS DIRECTORATE, THE CANADIAN WILDLIFE SERVICE, AND THE LANDS DIRECTORATE) AND THE ENVIRONMENTAL PROTECTION SERVICE; AND THE PLANNING AND FINANCE SERVICE.

N AM
CANADA
PM(A)

ENVIRONMENTAL MANAGEMENT
MACNEILL, J. W.
ENGLISH
ALSO PMB AND SE
GENERAL

00/00/71 PGS 1-191 LOC ID# 02402A HC 120 .E5 M3

THIS DESCRIPTIVE STUDY, DIVIDED INTO SIX PARTS, WAS PREPARED FOR THE PRIVY COUNCIL OFFICE OF THE GOVERNMENT OF CANADA TO PROVIDE A BACKGROUND OF INFORMATION AND ANALYSIS FROM WHICH FEDERAL ACTIVITIES REGARDING ENVIRONMENTAL MANAGEMENT COULD BE DEVELOPED AND DISCUSSED IN THE COURSE OF CONSTITUTIONAL REVIEW. ALTHOUGH NEITHER A PROPOSAL NOR A PLAN FOR ACTION, THIS STUDY DISCUSSES THE PRESENT AND POSSIBLE FUTURE DIMENSIONS OF ENVIRONMENTAL MANAGEMENT AND IDENTIFIES AND ASSESSES THE RANGE OF STRATEGIES THAT THE VARIOUS LEVELS OF GOVERNMENT IN CANADA MAY NEED TO EMPLOY TO DEAL EFFECTIVELY WITH ENVIRONMENTAL PROBLEMS. PART I OF THE STUDY FORMULATES DEFINITIONS AND SERVES AS AN INTRODUCTION; PART II OUTLINES AND ANALYZES THE SOURCES OF ENVIRONMENTAL DETERIORATION; PARTS III TO V DISCUSS ENVIRONMENTAL MANAGEMENT OF URBAN AND RURAL AREAS AND AIR AND WATER RESOURCES; AND PART VI PROVIDES A SUMMARY OF CONCLUSIONS AND SUGGESTS DIFFERENT ROLES OF GOVERNMENT BODIES FOR ENVIRONMENTAL MANAGEMENT.

CANADA
PM(B)

"A CANADIAN VIEW OF MONITORING ACTIVITIES." ENVIRONMENTAL SCIENCE AND TECHNOLOGY, VOL. 9, NO. 3
INHABER, HERBERT
ENGLISH
GENERAL

03/00/75 PGS 206-209 EPA ID# 02702A

THIS ARTICLE, WRITTEN BY A POLICY ANALYST OF THE SCIENCE AND POLICY BRANCH, PLANNING AND FINANCE SERVICE OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT, DISCUSSES CANADA'S POLLUTION MONITORING PROGRAMS IN RELATION TO THE SMITHSONIAN INSTITUTION'S "POLLUTION MONITORING DIRECTORY" (PMD). THE PMD, PART OF THE UN ENVIRONMENT PROGRAM, IS A TABULATION OF DATA ON WORLDWIDE MONITORING PROGRAMS, COVERING 33 PARAMETERS OF POLLUTION WHICH INCLUDE POLLUTANTS (E.G., NOX, DDT) AND INDICATORS OF ENVIRONMENTAL QUALITY (E.G., BOD). WITH ACCOMPANYING DATA TABLES, COMPARISONS ARE DRAWN BETWEEN CANADIAN MONITORING PROGRAMS AND TOTAL WORLDWIDE PROGRAMS WITH REGARD TO: 1) NUMBER OF PROGRAMS MEASURING EACH PARAMETER; 2) NUMBER OF PROGRAMS ACCORDING TO MEDIUM OF MEASUREMENT (E.G., AIR, SOIL, MARINE OR FRESH WATER); 3) NUMBER OF MONITORING SITES FOR EACH MEDIUM; 4) FREQUENCY OF MEASUREMENT IN MONITORING PROGRAMS; 5) METHODS OF DATA ACQUISITION (E.G., GROUND SITES, SHIPS); AND 6) METHODS OF DATA STORAGE.

N AM
CANADA
PM(B)

ENVIRONMENT CANADA ACQUISITIONS
CANADA. ENVIRONMENT CANADA
ENGLISH*
ALSO ST/*ALSO FRENCH 00/00/00 PGS EPA ID# 03516A
GENERAL

THIS ACQUISITIONS LIST, ISSUED PERIODICALLY, INCLUDES NEWLY RECEIVED MONOGRAPHS AND PERIODICALS CATALOGUED IN THE LIBRARY OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT, THE CHEMICAL CONTROL RESEARCH INSTITUTE AND THE FONTAINE LIBRARY. A LIST OF ON-LINE DATA BASES FOR COMPUTERIZED LITERATURE SEARCHES IS ALSO GIVEN. PERTINENT BIBLIOGRAPHICAL DATA IS GIVEN FOR EACH INPUT, AND INTRODUCTORY INFORMATION IN EACH ISSUE OF THE ACQUISITIONS LIST DESCRIBES LOAN REQUEST PROCEDURES AND CONTAINS THE APPROPRIATE LOAN REQUEST FORMS.

CANADA
PM(B)

"FEDERAL-PROVINCIAL ACCORDS ON ENVIRONMENTAL PROTECTION." ENVIRONMENT CANADA NEWS RELEASE, NO. 121
CANADA. ENVIRONMENT CANADA
ENGLISH 10/08/75 PGS 1-2 EPA ID# 03522A
GENERAL

AGREEMENTS TO DEVELOP COMPLEMENTARY PROGRAMS FOR THE PROTECTION AND ENHANCEMENT OF ENVIRONMENTAL QUALITY HAVE BEEN SIGNED BY CANADA AND THE PROVINCES OF ALBERTA, SASKATCHEWAN, NEW BRUNSWICK, MANITOBA, PRINCE EDWARD ISLAND AND NOVA SCOTIA, WHILE SIMILAR ACCORDS ARE EXPECTED TO FOLLOW WITH THE REMAINING PROVINCES. ACCORDING TO THE CANADIAN ENVIRONMENTAL MINISTER, THESE ACCORDS ESTABLISH AN OVERALL FRAMEWORK THAT WILL FACILITATE BOTH THE IDENTIFICATION OF PROBLEMS AND THE COOPERATION NECESSARY FOR PROBLEM SOLVING. MEASURES AGREED TO BY CANADA AND THE SIGNING PROVINCES INCLUDE: 1) THE DETERMINATION AND ESTABLISHMENT OF DESIRABLE LEVELS OF BASELINE ENVIRONMENTAL QUALITY; 2) THE DEVELOPMENT OF NATIONAL REQUIREMENTS AND GUIDELINES FOR POLLUTION CONTROL BY INDUSTRY AND MUNICIPALITIES; AND 3) CONSULTATION ON METHODS OF MONITORING ENVIRONMENTAL QUALITY AND THE EXCHANGE OF ASSESSMENT DATA.

CANADA
PM(B)

"CANADA-ONTARIO ENVIRONMENTAL ACCORD SIGNED." ENVIRONMENT CANADA JOINT NEWS RELEASE, NO. 124
CANADA. ENVIRONMENT CANADA
ENGLISH 10/20/75 PGS 1-2 EPA ID# 03535A
GENERAL

AN AGREEMENT TO DEVELOP COMPLEMENTARY ENVIRONMENTAL PROTECTION AND ENHANCEMENT PROGRAMS HAS BEEN SIGNED BY ENVIRONMENT CANADA MINISTER, JEANNE SAUVE, AND ONTARIO'S NEWLY APPOINTED ENVIRONMENT MINISTER, GEORGE KERR. THE ACCORD EXTENDS FOR FIVE YEARS AND PROVIDES FOR REVISION AND RENEWAL, AS WELL AS SUBSIDIARY AGREEMENTS WITH RESPECT TO PARTICULAR ENVIRONMENTAL CONCERNS. CANADA AND ONTARIO HAVE AGREED TO, AMONG OTHER THINGS: ESTABLISH DESIRABLE LEVELS OF BASELINE ENVIRONMENTAL QUALITY; DEVELOP NATIONAL REQUIREMENTS AND GUIDELINES FOR POLLUTION CONTROL BY INDUSTRY AND MUNICIPALITIES; IMPLEMENT POLLUTION CONTROL PROGRAMS; CONSULT ON METHODS OF MONITORING ENVIRONMENTAL QUALITY AND EXCHANGING ASSESSMENT DATA; DEVELOP CONTINGENCY PLANS TO DEAL WITH ENVIRONMENTAL EMERGENCIES SUCH AS OIL SPILLS; COOPERATE IN RESEARCH, STAFF TRAINING, AND EXCHANGE OF TECHNIQUES; AND SHARE COSTS FOR JOINT PROGRAMS.

N AM
CANADA
PM(8)

"NATIONAL LAND USE POLICY CALLED FOR IN ENVIRONMENT WEEK STATEMENT."
ENVIRONMENT CANADA NEWS RELEASE, NO. 119
CANADA. ENVIRONMENT CANADA
ENGLISH 10/07/75 PGS 1-9 EPA ID# 03523A
LAND USE

A STATEMENT ISSUED BY THE CANADIAN ENVIRONMENTAL MINISTER TO MARK ENVIRONMENT WEEK POINTS OUT THE IMPORTANCE OF LAND USE IN THE PROTECTION OF THE NATURAL ENVIRONMENT AND IN THE IMPROVEMENT OF THE QUALITY OF LIFE. PLANNED LAND USE US DESCRIBED AS ESSENTIAL TO THE CONTROL OF POLLUTION, TO THE MANAGEMENT OF RENEWABLE RESOURCES, AND TO THE PRODUCTION OF FOOD. THE COMPETING DEMANDS OF URBAN GROWTH, TRANSPORTATION, INDUSTRY AND RECREATION ARE ACKNOWLEDGED TO BE THREATENING GOOD AGRICULTURAL LAND. THE FEDERAL ENVIRONMENT MINISTER FURTHER EXPLAINED THAT A NATIONAL LAND USE POLICY COULD NOT BE IMPOSED AND THAT SEVERAL LEVELS OF GOVERNMENT AND THE PRIVATE SECTOR WOULD HAVE TO WORK TOGETHER TO DEVELOP AN ACCEPTABLE FRAMEWORK OF LAND USE PRINCIPLES. THE ESTABLISHMENT OF A TASK FORCE TO EXAMINE THE IMPACT OF FEDERAL PROGRAMS ON LAND USE AND TO EXPLORE WITH THE PROVINCES THE POSSIBILITY OF PRODUCING A SET OF NATIONAL LAND USE OBJECTIVES IS ALSO ANNOUNCED BY THE MINISTER.

CANADA
PM(8)

THE CANADA WATER ACT, ANNUAL REPORT 1974-75
CANADA. ENVIRONMENT CANADA
ENGLISH 00/00/75 PGS 1-29 EPA ID# 00521C
ALSO LRB
WATER

SECTION 36 OF THE CANADA WATER ACT REQUIRES THAT A REPORT ON THE OPERATIONS CARRIED ON UNDER THE ACT BE LAID BEFORE PARLIAMENT AS SOON AS POSSIBLE AFTER THE END OF EACH FISCAL YEAR. THIS, THE THIRD SUCH REPORT, COVERING OPERATIONS UP TO MARCH 31, 1975, OUTLINES THE MAIN PROVISIONS OF THE ACT AND DISCUSSES BRIEFLY SOME OF THE MORE IMPORTANT PROGRAMS UNDERTAKEN TO MEET THESE PROVISIONS. DETAILS ON THE WORKING OF FEDERAL-PROVINCIAL IMPLEMENTATION AGREEMENTS, PLANNING STUDIES AND OTHER COOPERATIVE ARRANGEMENTS ARE GIVEN AS WELL AS INFORMATION ON WATER QUALITY MANAGEMENT AND THE PROGRAM TO REGULATE NUTRIENT DISCHARGES INTO WATER. REORGANIZATION PROGRAMS, WATER RESOURCES RESEARCH AND OTHER ACTIVITIES TO IMPROVE FEDERAL WATER MANAGEMENT ARE ALSO CITED.

N AM
CANADA
PM(B)

"CANADA TO PLAY PROMINENT ROLE IN UNITED NATIONS FAO CONFERENCE." ENVIRONMENT CANADA NEWS RELEASE

ENGLISH 02/07/73 PGS 1-4 EPA ID# 00946A
WATER

THIS NEWS RELEASE, ISSUED BY ENVIRONMENT CANADA, ANNOUNCES CANADIAN HOSTING OF THE TECHNICAL CONFERENCE ON FISHERY MANAGEMENT AND DEVELOPMENT TO BE HELD UNDER THE SPONSORSHIP OF THE FOOD AND AGRICULTURAL ORGANIZATION (FAO) OF THE UNITED NATIONS AT VANCOUVER FROM FEB. 13-21, 1973. THE RELEASE POINTS UP THAT CANADIAN IDEAS ON WORLD CONSERVATION, CONTROL AND UTILIZATION OF THE LIVING RESOURCES OF OCEAN AND INLAND WATERS WILL BE ADVANCED AT THE CONFERENCE. ALSO ANNOUNCED IN THE RELEASE ARE THE NAMES OF THE CANADIAN PARTICIPANTS AND THE TITLES OF THE PAPERS THAT THEY WILL PRESENT. AMONG THEM IS ONE TITLED "THE INTERACTION BETWEEN FISHERY MANAGEMENT AND ENVIRONMENTAL PROTECTION."

CANADA
PM(B)

"HOROSCOPE FOR THE 70S." WATER AND POLLUTION CONTROL.
MATHESON, GRAEME
ENGLISH 12/00/72 PGS 19-27 EPA ID# 01510A
ALSO SE
WATER

THIS ARTICLE BY GRAEME MATHESON SEEKS TO ASCERTAIN HOW GREAT CANADIAN EXPENDITURE ON THE CONTROL OF WATER POLLUTION WILL BE IN THE COMING YEARS. TO DO THIS HE PROVIDES TABLES ON WASTE AND SEWAGE CONSTRUCTION COMPARED WITH HOUSING; HOUSING, WATER WORKS, SEWAGE AND PER CAPITA SPENDING; WATER AND SEWAGE SPENDING; AND SPENDING BY VARIOUS SECTORS OF THE ECONOMY ON WATER AND SEWAGE. HE ALSO EXAMINES THE WATER POLLUTION PROBLEM IN VARIOUS CANADIAN PROVINCES AND MUNICIPALITIES AND WHAT THEY PLAN TO SPEND FOR ANTI-POLLUTION FACILITIES SUCH AS TREATMENT PLANTS. MATHESON CONCLUDES THAT THE GENERAL OUTLOOK FOR WATER-POLLUTION CONTROL EXPENDITURES, DESPITE THE TENDENCY TOWARD MINIMAL ESTIMATES, APPEARS FAVORABLE AND THAT THE POLLUTION-CONTROL EQUIPMENT MARKET WILL GROW MARKEDLY IN THE NEXT DECADE.

CANADA
PM(B)

THE CANADA WATER ACT ANNUAL REPORT, 1973-1974
CANADA, ENVIRONMENT CANADA
ENGLISH# 00/00/74 PGS 1-30 EPA ID# 02531A
ALSO LRB/#ALSO FRENCH
WATER

THIS ANNUAL REPORT FOR THE FISCAL YEAR ENDING MARCH 31, 1974, IS THE SECOND SUCH REPORT IN CONFORMANCE WITH SECTION 36 OF THE CANADA WATER ACT (SEPTEMBER 30, 1970) REQUIRING THAT ACTIVITIES UNDER THE ACT BE REPORTED TO PARLIAMENT AFTER EACH FISCAL YEAR. THE REPORT LISTS PROVISIONS OF THE ACT RELATED TO FEDERAL-PROVINCIAL CONSULTATIVE COMMITTEES, COMPREHENSIVE WATER RESOURCES MANAGEMENT, WATER QUALITY MANAGEMENT AND NUTRIENTS. IT OUTLINES ACTIVITIES RELATED TO THE ACT, SUCH AS INSTANCES OF ADMINISTRATIVE REORGANIZATION AND SUPPORT FOR WATER RESOURCES RESEARCH. A SECTION DEVOTED TO AGREEMENTS AND COOPERATIVE STUDIES GIVES PROJECT INFORMATION SUCH AS DURATION, POLITICAL ENTITIES AND FUNDING INVOLVED, OBJECTIVES AND STATUS. SPECIAL CONSIDERATION IS GIVEN TO REGULATION OF NUTRIENT INPUTS, ESPECIALLY PHOSPHORUS CONTROL. THE LAST SECTION, DEALING WITH IMPROVEMENT OF FEDERAL WATER MANAGEMENT CAPABILITY, DESCRIBES THE CANADA CENTRE FOR INLAND WATERS, WATER RESOURCES DATA SYSTEMS, DATA COLLECTION ACTIVITIES AND SOCIO-ECONOMIC STUDIES.

N AM
CANADA
PM(B)

FEDERAL ASSISTANCE PROGRAMS FOR WATER POLLUTION CONTROL TECHNOLOGY DEVELOPMENT
HURTUBISE, F. G. AND A. R. TOWNSHEND
ENGLISH 06/00/74 PGS 1-30 EPA ID# 02693A
ALSO SE
WATER

THIS DOCUMENT WAS PREPARED BY THE WATER POLLUTION CONTROL DIRECTORATE OF ENVIRONMENT CANADA FOR PRESENTATION TO THE ANNUAL CONFERENCE OF THE POLLUTION CONTROL ASSOCIATION OF ONTARIO. IT DESCRIBES THE PROGRAMS RELATING TO WATER POLLUTION CONTROL TECHNOLOGY ADMINISTERED BY ENVIRONMENT CANADA, THE CENTRAL MORTGAGE AND HOUSING CORPORATION, THE DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE, AND THE NATIONAL RESEARCH COUNCIL. FEDERAL ASSISTANCE IS GIVEN TO UNIVERSITIES, RESEARCH CENTERS, INDUSTRIES, MUNICIPALITIES, ETC, FOR CONDUCTING RESEARCH PERTAINING TO THESE PROGRAMS AND THE DOCUMENT EXPLAINS THE ROLE OF THE SCIENCE PROCUREMENT SECTOR OF THE DEPARTMENT OF SUPPLY AND SERVICES IN CONTRACTING OUT SUCH RESEARCH WORK FOR GOVERNMENT AGENCIES. THE ASSISTANCE PROGRAMS OF ENVIRONMENT CANADA AND THE CENTRAL MORTGAGE AND HOUSING CORPORATION ARE LISTED, AND WHERE AVAILABLE, PROGRAM COSTS AND TYPICAL FUNDED PROJECTS ARE PRESENTED TO ILLUSTRATE THE SCOPE OF THESE PROGRAMS.

CANADA
PM(B)

ANNUAL REPORT 1974 (OF THE WASTEWATER TECHNOLOGY CENTRE)
CANADA, ENVIRONMENT CANADA
ENGLISH 00/00/74 PGS 1-36 EPA ID# 03164A
WATER

IN THIS ANNUAL REPORY THE CANADIAN WASTEWATER TECHNOLOGY CENTRE REVIEWS ITS MISSION AND SUMMARIZES THE ACTIVITIES OF ITS VARIOUS SUBDIVISIONS DURING THE COURSE OF 1974. THE CENTRE WAS ESTABLISHED BY THE ENVIRONMENTAL PROTECTION SERVICE TO FULFILL THE MANDATE OF ITS TECHNOLOGY DEVELOPMENT BRANCH, WHICH CONSISTS OF CONCEIVING, DEVELOPING AND IMPLEMENTING TECHNICAL DEVELOPMENT PROGRAMS CONCERNING WATER POLLUTION CONTROL FOR INDUSTRIAL AND MUNICIPAL WASTEWATERS. A BRIEF HIGHLIGHT OF THE YEAR'S PRINCIPAL ACTIVITIES IS SUPPLEMENTED BY AN ANALYSIS OF THE FUNCTIONS AND ACCOMPLISHMENTS OF THE CENTRE'S THREE SUBDIVISIONS, WHICH ARE COMPRISED OF THE PROCESS DEVELOPMENT SECTION, THE LABORATORY SERVICES SECTION AND THE FACILITIES SERVICE SECTION. A FINAL SECTION OF THE REPORT PROVIDES A LIST OF THE CENTRE'S PUBLICATIONS AND PRESENTATIONS.

N AM
CANADA
PM(8)

"POLLUTION RESEARCH PROGRAM EXTENDED SECOND FIVE YEARS." ENVIRONMENT CANADA NEWS RELEASE, NO. 123
CANADA. ENVIRONMENT CANADA
ENGLISH 04/13/76 PGS 1-3 EPA ID# 03420A
WATER AIR

A RESEARCH PROGRAM TO REDUCE WATER AND AIR POLLUTION FROM THE CANADIAN PULP AND PAPER INDUSTRY HAS BEEN EXTENDED FOR A SECOND FIVE-YEAR TERM, ACCORDING TO AN ANNOUNCEMENT BY THE PARLIAMENTARY SECRETARY TO THE ENVIRONMENT MINISTER. INITIATED IN 1970 BY THE FEDERAL GOVERNMENT WITH THE COOPERATION OF THE PULP AND PAPER INDUSTRY, THE COOPERATIVE POLLUTION ABATEMENT RESEARCH PROGRAM IS PRESENTLY EXPECTED TO SUPPORT RESEARCH AMOUNTING TO A TOTAL OF $7.5 MILLION. THE PROGRAM HAS THUS FAR SUPPORTED MORE THAN 100 RESEARCH PROJECTS, MOST OF WHICH HAVE RESULTED IN VALUABLE KNOWLEDGE AND NEW TECHNOLOGY DIRECTLY APPLICABLE TO POLLUTION PROBLEMS. ADDITIONAL INFORMATION ON THE ORGANIZATION AND FINANCING OF PREVIOUS PROJECTS IS INCLUDED IN THE RELEASE.

CANADA
PM(8)

THE BOD5 AND TOXICITY OF EFFLUENTS FROM SULPHITE PULPING FOR NEWSPRINT. TECHNOLOGY DEVELOPMENT REPORT EPS 4-WP-75-3
KUBES, D.J.,AND A. WONG
ENGLISH 11/00/75 PGS 1-18 EPA ID# 03462A
ALSO ST
WATER

HIGH YIELD BISULFITE PULP MILLS, WHICH ARE INTEGRATED WITH MANY EASTERN CANADIAN NEWSPRINT OPERATIONS, ARE AN URGENT ENVIRONMENTAL PROBLEM IN CANADA BECAUSE OF THEIR ACUTELY TOXIC EFFLUENTS, WITH EXTREMELY HIGH ORGANIC LOADINGS. THIS REPORT DESCRIBES THE RESULTS OF AN EXPERIMENTAL PROGRAM, SPONSORED BY ENVIRONMENT CANADA AND CARRIED OUT AT THE PULP AND PAPER RESEARCH INSTITUTE OF CANADA, TO MEASURE THE TOXICITY AND FIVE DAY BIOCHEMICAL OXYGEN DEMAND (BOD5) OF LABORATORY PRODUCED SODIUM BASE BISULFITE PULPS COVERING A YIELD RANGE FROM 60 TO 80 PERCENT. STRENGTH CHARACTERISTICS OF THESE PULPS WERE ALSO DETERMINED IN ORDER TO FIND THE CRITICAL LEVEL OF YIELD GIVING THE PULP QUALITY STILL SUITABLE FOR NEWSPRINT PRODUCTION. SIGNIFICANT REDUCTION IN TOXICITY AND BOD5 LOADINGS ARE ACHIEVED BY INCREASING PULP YIELD, BUT IT IS NOT POSSIBLE TO COMPLY WITH ENVIRONMENT CANADA PULP AND PAPER EFFLUENT REGULATIONS SOLELY BY INCREASING YIELD.

N AM
CANADA
PM(B)

"FISHERIES RESEARCH BOARD OF CANADA." ANNUAL REPORT 1974

ENGLISH
ALSO PMA/*ALSO FRENCH
WATER

00/00/75 PGS 1-17 EPA ID# 03502A

THE FISHERIES RESEARCH BOARD OF CANADA, IN ITS ROLE AS A MECHANISM FOR THE EXTERNAL REVIEW AND ASSESSMENT OF NATIONAL FISHERIES AND MARINE ACTIVITIES IN CANADA, ADVISES THE CANADIAN GOVERNMENT IN THE FORMULATION OF FISHERIES PLANNING PROGRAMS AND POLICIES. THE ACTIVITIES AND CONCERNS OF THE BOARD IN THIS REGARD DURING 1974 ARE HIGHLIGHTED IN THIS REPORT. THE GENERAL ADMINISTRATIVE AND MANAGERIAL DUTIES OF THE BOARD ARE GOVERNED BY THREE STANDING COMMITTEES. FOUR STUDY COMMITTEES CONDUCT RESEARCH ON AQUATIC RESOURCES MANAGEMENT AND UTILIZATION, AQUATIC ENVIRONMENTAL QUALITY, AND OCEANOGRAPHY. THE BOARD'S COMMENTS AND RECOMMENDATIONS CONCERNING THE ADMINISTRATIVE ORGANIZATION OF MARINE AFFAIRS, RESEARCH NEEDS, IMPROVED INTERDEPARTMENTAL COMMUNICATIONS AND RELATIONSHIPS IN MARINE MANAGEMENT, FUTURE PLANS, AND NATIONAL AND INTERNATIONAL ISSUES ON MARINE AFFAIRS ARE DISCUSSED. BOARD MEMBERS, OFFICERS, COMMITTEE MEMBERS AND BOARD MEETINGS DURING 1974 ARE ALSO LISTED IN THE REPORT.

CANADA
PM(B)

"REVIEW OF PETROLEUM SPILL CONTAINMENT DYKES IN THE NORTH."
ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-EE-74-1
CANADA, ENVIRONMENT CANADA
ENGLISH
ALSO ST
WATER

09/00/74 PGS 1-47 EPA ID# 03505A

PREPARED BY THE ENVIRONMENTAL EMERGENCY BRANCH OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, THIS ECONOMICAL AND TECHNICAL REVIEW REPORT REVIEWS THE DESIGN, CONSTRUCTION AND MAINTENANCE OF SPILL CONTAINMENT DIKES IN THE ARCTIC. THE REVIEW IS BASED ON A BRIEF SURVEY OF THE TECHNIQUES AND PRACTICES PRESENTLY USED BY THE PETROLEUM, MINING AND TRANSPORTATION COMPANIES AS WELL AS GOVERNMENT AGENCIES THAT ARE OPERATING IN NORTHERN CANADA. THE SURVEY REVEALED THAT THERE IS NO UNIFIED APPROACH. IT WAS CONCLUDED THAT THERE IS A NEED FOR DISCUSSION BETWEEN INDUSTRY AND THE REGULATORY BODIES IN ORDER TO ARRIVE AT MINIMUM STANDARDS FOR PETROLEUM PRODUCT SPILL CONTAINMENT DIKES IN THE ARCTIC. SOME AREAS REQUIRING FURTHER RESEARCH AND DEVELOPMENT WORK ARE IDENTIFIED. THE REPORT IS ILLUSTRATED BY TABLES AND FIGURES, AND APPENDIXES TO THE REPORT LIST PROPOSED LEGISLATION FOR DIKES AROUND TANKS, GIVE A SAMPLE SURVEY QUESTIONNAIRE USED IN PREPARATION OF THE REPORT, AND CITE EXISTING LITERATURE ON THE SUBJECT.

N AM
CANADA
PM(B)

SPILL TECHNOLOGY NEWSLETTER
CANADA. ENVIRONMENTAL EMERGENCY BRANCH
ENGLISH 00/00/00 PGS EPA
ALSO ST AND PHA ID# 03509A
WATER

THIS BIMONTHLY NEWSLETTER, BEGINNING PUBLICATION WITH THE JANUARY-FEBRUARY ISSUE OF 1976, IS PUBLISHED BY THE ENVIRONMENTAL EMERGENCY BRANCH OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE AND IS INTENDED TO KEEP THE READER ABREAST OF CURRENT ACTIVITIES CONCERNING OIL SPILL CONTROL AND PREVENTION WITH PARTICULAR EMPHASIS PLACED ON OIL SPILL COUNTERMEASURES RESEARCH AND TECHNOLOGY. THE NEWSLETTER IS INTENDED TO BE INFORMAL, INVITING THE SUBMISSION OF SHORT ARTICLES FROM READERS. IN THIS REGARD IT IS INTENDED TO SERVE AS A MEDIUM FOR THE EXCHANGE OF NEWS, VIEWS, INQUIRIES AND INFORMATION ON OIL SPILL TECHNOLOGY; TO OUTLINE FUTURE RESEARCH AND DEVELOPMENT PLANS OF PUBLIC AND PRIVATE GROUPS; AND TO PROVIDE UPDATES ON SUCH MATTERS AS THE LATEST LITERATURE AND UPCOMING CONFERENCES.

CANADA
PM(B)

"CONTRACT SIGNING LAUNCHES NEW PROGRAM." ENVIRONMENT CANADA NEWS RELEASE, NO. 104
CANADA. ENVIRONMENT CANADA
ENGLISH 08/22/75 PGS 1-2 EPA
WATER ID# 03534A

CANADA'S ENVIRONMENT MINISTER HAS LAUNCHED THE DEPARTMENT'S NEW DEVELOPMENT AND DEMONSTRATION OF POLLUTION ABATEMENT TECHNOLOGY (DPAT) PROGRAM WITH THE SIGNING OF A $1,158,000 CONTRACT WITH TTHE GREAT LAKES PAPER COMPANY LTD. OF THUNDER BAY. UNDER THE TERMS OF THIS COST-SHARING AGREEMENT, THE PAPER COMPANY WILL BE INSTALLING FACILITIES IN THEIR NEW MILL THAT SHOULD PERMIT COMPLETE RECYCLING OF ALL THE PROCESS EFFLUENTS. THE ONLY LIQUID DISCHARGE WOULD BE ESSENTIALLY CLEAN WATER FOR COOLING PURPOSES. THE DPAT CONTRACT STIPULATES THE PAPER COMPANY WILL EVALUATE AND DOCUMENT THEIR EXPERIENCES WITH THE PROCESS, WITH PARTICULAR EMPHASIS ON DESCRIBING OPERATIONAL AND EQUIPMENT LIMITATIONS. ENVIRONMENT CANADA'S DPAT PROGRAM IS DESIGNED TO STIMULATE THE DEVELOPMENT AND DEMONSTRATION OF INNOVATIVE POLLUTION ABATEMENT TECHNOLOGY BY PAYING A PERCENTAGE OF THE REQUIRED CAPITAL AND OPERATING COSTS INVOLVED IN GETTING IT ON STREAM.

N AM
CANADA
PH(B)

SURFACE WATER DATA. BRITISH COLUMBIA 1974. WATER SURVEY OF CANADA

ENGLISH 00/00/75 PGS 1-338 EPA ID# 03539A
ALSO ST
WATER

PUBLISHED ANNUALLY BY THE WATER RESOURCES BRANCH OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT. THIS REPORT PRESENTS THE TABULATED RESULTS OF THE HYDROMETRIC SURVEY INVESTIGATIONS WHICH WERE MADE IN THE CANADIAN PROVINCE OF BRITISH COLUMBIA DURING 1974 AS PART OF THE WATER SURVEY OF CANADA. INTRODUCTORY INFORMATION CONTAINED IN THE SURVEY REPORT BRIEFLY DESCRIBES THE ORGANIZATION. HISTORY AND PUBLICATION OF HYDROMETRIC SURVEY OPERATIONS IN CANADA AND DEFINES THE TERMS. ABBREVIATIONS. EQUIVALENCY VALUES AND METHODS USED IN TABULATING THE COLLECTED DATA. THE BODY OF THE SURVEY REPORT CONTAINS THE TABLES OF DAILY WATER LEVEL OR DISCHARGE MEASUREMENTS FOR EACH REPORTING STATION ALONG WITH CORRESPONDING MONTHLY AND ANNUAL SUMMARIES OF DATA AS WELL AS DESCRIPTIVE INFORMATION ABOUT THE MEASURING STATIONS WHERE DATA WAS COLLECTED. TABLES ARE PRESENTED IN ALPHABETICAL ORDER ACCORDING TO THE NAME OF MEASURING STATION.

CANADA
PH(B)

SURFACE WATER DATA. ALBERTA 1974. WATER SURVEY OF CANADA

ENGLISH 00/00/75 PGS 1-208 EPA ID# 03540A
ALSO ST
WATER

PUBLISHED ANNUALLY BY THE WATER RESOURCES BRANCH OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT. THIS REPORT PRESENTS THE TABULATED RESULTS OF THE HYDROMETRIC SURVEY INVESTIGATIONS WHICH WERE MADE IN THE PROVINCE OF ALBERTA DURING 1974 AS PART OF THE WATER SURVEY OF CANADA. INTRODUCTORY INFORMATION CONTAINED IN THE SURVEY REPORT BRIEFLY DESCRIBES THE ORGANIZATION. HISTORY AND PUBLICATION OF HYDROMETRIC SURVEY OPERATIONS IN CANADA AND DEFINES THE TERMS. ABBREVIATIONS. EQUIVALENCY VALUES AND METHODS USED IN TABULATING THE COLLECTED DATA. THE BODY OF THE SURVEY REPORT CONTAINS THE TABLES OF DAILY WATER LEVEL OR DISCHARGE MEASUREMENTS FOR EACH REPORTING STATION ALONG WITH CORRESPONDING MONTHLY AND ANNUAL SUMMARIES OF DATA AS WELL AS DESCRIPTIVE INFORMATION ABOUT THE MEASURING STATIONS WHERE DATA WAS COLLECTED. TABLES ARE PRESENTED ALPHABETICALLY ACCORDING TO THE NAME OF MEASURING STATION.

N AM
CANADA
PH(B)

SURFACE WATER DATA. YUKON AND NORTHWEST TERRITORIES 1974. WATER SURVEY OF CANADA

ENGLISH 00/00/75 PGS 1-62 EPA ID# 03541A
ALSO ST
WATER

PUBLISHED ANNUALLY BY THE WATER RESOURCES BRANCH OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT, THIS REPORT PRESENTS THE TABULATED RESULTS OF THE HYDROMETRIC SURVEY INVESTIGATIONS WHICH WERE MADE IN THE YUKON AND NORTHWEST TERRITORIES OF CANADA AS PART OF THE WATER SURVEY OF CANADA. INTRODUCTORY INFORMATION CONTAINED IN THE SURVEY REPORT BRIEFLY DESCRIBES THE ORGANIZATIONS, HISTORY, AND PUBLICATION OF HYDROMETRIC SURVEY OPERATIONS IN CANADA AND DEFINES THE TERMS, ABBREVIATIONS, EQUIVALENCY VALUES AND METHODS USED IN TABULATING THE COLLECTED DATA. THE BODY OF THE SURVEY REPORT CONTAINS THE TABLES OF DAILY WATER LEVEL OR DISCHARGE MEASUREMENTS FOR EACH REPORTING STATION ALONG WITH CORRESPONDING MONTHLY AND ANNUAL SUMMARIES OF DATA AND DESCRIPTIVE INFORMATION ABOUT THE MEASURING STATIONS WHERE DATA WAS COLLECTED. TABLES ARE PRESENTED ALPHABETICALLY ACCORDING TO THE NAME OF MEASURING STATION.

CANADA
SE( )

"HEALTH BOARD WANTS SPECIAL PUBLIC MEETING ON LEAD EMISSION IN NIAGARA STREET AREA." THE GLOBE AND MAIL

ENGLISH 05/23/73 PGS 5 EPA ID# 01162A
ALSO ST
AIR

THIS NEWS ACCOUNT DECLARES THAT THE TORONTO BOARD OF HEALTH HAS AGREED TO HOLD A SPECIAL PUBLIC MEETING ON ACCUSATIONS THAT THE TORONTO REFINERS AND SMELTERS PLANT ON NIAGARA STREET IS SERIOUSLY POLLUTING THE IMMEDIATE NEIGHBORHOOD THROUGH DANGEROUS LEAD EMISSIONS. RESIDENTS HAVE DEMANDED AN IMMEDIATE CLEAN-UP OR SHUTDOWN OF THE PLANT. THE MINISTRY OF HEALTH IS INVESTIGATING THE SITUATION BUT ITS REPORT WILL NOT BE AVAILABLE UNTIL JULY. THE NEWSPAPER STORY REPORTS THAT ALTHOUGH THE PLANT HAS SPENT ABOUT $100,000 TO CONTROL POLLUTANT EMISSIONS A LOCAL ENGINEER HAS ESTIMATED THAT LEAD EMISSIONS FROM OUTSIDE THE PLANT AMOUNTED TO AN AVERAGE OF 43 POUNDS OF LEAD AN HOUR DURING JANUARY.

N AM
CANADA
SE( )

A LOOK AT THE ECONOMIC FEASIBILITY OF CONVERTING WOOD INTO LIQUID FUEL.
INFORMATION REPORT E-X-25
MARSHALL, J.E., AND OTHERS
ENGLISH 02/00/75 PGS 1-47 EPA ID# 03510A
ALSO ST
AIR

BECAUSE OF THE INCREASE IN WORLD CRUDE OIL PRICES AND THE EMPHASIS ON LESS POLLUTING FUELS, THE ECONOMIC FEASIBILITY OF MANUFACTURING FUEL ALCOHOL FROM WOOD NOW APPEARS PROMISING. THIS INFORMATION REPORT ISSUED BY THE POLICY, ANALYSIS AND PROGRAM DEVELOPMENT BRANCH OF THE CANADIAN FORESTRY SERVICE EXAMINES THE TECHNICAL AND ENVIRONMENTAL ADVANTAGES OF FUEL ALCOHOLS OVER GASOLINE AND LOOKS AT THE ECONOMIC FEASIBILITY OF AT LEAST SUPPLEMENTING CANADIAN FUEL OIL SUPPLY BY INCREASING THE SUPPLY OF FUEL ALCOHOL PRODUCED DOMESTICALLY. CANADA CURRENTLY CONSUMES ABOUT 600 MILLION BARRELS OF PETROLEUM ANNUALLY. THE ESTIMATED 19 BILLION CUBIC FEET OF UNUSED WOOD AND WOOD RESIDUES PRODUCED ANNUALLY IN THE CANADIAN FORESTRY INDUSTRY COULD PRODUCE 800 MILLION BARRELS OF FUEL ALCOHOL, EQUAL IN ENERGY TERMS TO 500 MILLION BARRELS OF GASOLINE AND REPRESENTING A MORE EFFICIENT AND CLEANER SOURCE OF FUEL. PRODUCTION COSTS OF FUEL ALCOHOL WOULD BE 25-30 PERCENT LOWER THAN FOR GASOLINE BUT 20-40 PERCENT HIGHER ON A PER B.T.U. OF ENERGY BASIS.

CANADA
SE( )

(INDEX OF ENVIRONMENTALLY-INTERESTED CITIZENS' GROUPS IN CANADA)
ENVIRONMENT CANADA, INFORMATION BRANCH
ENGLISH 07/00/72 PGS 1-16 EPA ID# 00941A
ALSO FRENCH
GENERAL

THIS PUBLICATION IS AN INDEX OF ENVIRONMENTALLY-INTERESTED CITIZENS' GROUPS IN CANADA. THE ORGANIZATIONS ARE LISTED BY PROVINCE AND THEN ALPHABETICALLY BY THE COMMUNITY IN WHICH THEY ARE ACTIVE.

CANADA
SE( )

POLLUTION CONTROL COSTS FOR CANADA IN 1980
MANIATE, PETER, AND DONALD C. CARTER
ENGLISH 11/00/73 PGS 1-10 EPA ID# 02556A
GENERAL

THIS PAPER, PREPARED IN THE POLICY BRANCH OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT, REPRESENTS THE THIRD AND MOST CURRENTLY ACCURATE ATTEMPT TO ESTIMATE THE COSTS OF POLLUTION ABATEMENT IN CANADA FOR 1980. AFTER DEFINING THE SOCIO-ECONOMIC CRITERIA USED TO FORMULATE THE COST ESTIMATES, THE PAPER ELABORATES UPON THE PUBLIC AND INDUSTRIAL COSTS OF CONTROLLING AIR, WATER AND SOLID WASTE POLLUTION BY 1980. THE RESULTING TOTAL ESTIMATE FOR POLLUTION CONTROL IN CANADA IS 5,885,900,000 CANADIAN DOLLARS, AS EXPRESSED IN 1972 CURRENCY VALUE. THE PAPER ACKNOWLEDGES THAT THE PRESENT ESTIMATE CAN ONLY BE FULLY APPRECIATED WHEN COMPARED WITH A MODEL OF THE ECONOMIC COSTS OF UNCONTROLLED POLLUTION, WHICH HAVE YET TO BE DETERMINED. HOWEVER, IT IS FELT THAT THE PAPER REPRESENTS THE FIRST STEP IN OBTAINING AN OVERALL VIEW OF THE ECONOMIC RESOURCES NECESSARY TO COMBAT POLLUTION IN CANADA.

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"NEW POLLUTION CONTROL FUNDING PROGRAM LAUNCHED BY ENVIRONMENT CANADA."
ENVIRONMENT CANADA NEWS RELEASE
CANADA. ENVIRONMENT CANADA
ENGLISH 04/21/75 PGS 1-2 EPA ID# 02735A
GENERAL

THIS ENVIRONMENT CANADA NEWS RELEASE REPORTS THE ESTABLISHMENT OF THE DEVELOPMENT AND DEMONSTRATION OF POLLUTION ABATEMENT TECHNOLOGY (DPAT) PROGRAM. UNDER WHICH COSTS FOR THE DEVELOPMENT OF NEW POLLUTION ABATEMENT METHODS WILL BE SHARED BY THE CANADIAN FEDERAL GOVERNMENT AND INDUSTRY. WITH THE FEDERAL GOVERNMENT'S SHARE EXPECTED TO BE AS HIGH AS $30 MILLION OVER THE NEXT FIVE YEARS. TOP PRIORITIES ARE TO BE GIVEN TO THE MOST SEVERE AIR AND WATER POLLUTION PROBLEMS. MAJOR FACTORS TO BE TAKEN INTO CONSIDERATION IN GRANTING CONTRACTS UNDER THE PROGRAM ARE THE SEVERITY OF THE POLLUTION PROBLEM INVOLVED AND THE EXTENT TO WHICH THE DEVELOPED CONTROL TECHNOLOGY COULD BE APPLIED TO CANADA. ANY PROCESSES OR CONTROL TECHNOLOGIES DEVELOPED WITH DPAT ASSISTANCE ARE TO BE MADE FREELY AVAILABLE IN CANADA.

CANADA
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"ENVIRONMENT CANADA EXTENDS THE POLLUTION CONTROL INCENTIVE PROGRAM."
ENVIRONMENT CANADA NEWS RELEASE
CANADA. ENVIRONMENT CANADA
ENGLISH 04/01/75 PGS 1 EPA ID# 02796A
WATER AIR

THIS NEWS RELEASE FROM ENVIRONMENT CANADA REPORTS A TWO-YEAR EXTENSION OF THE ACCELERATED CAPITAL COST ALLOWANCE PROGRAM, WHICH PROVIDES A TAX INCENTIVE TO ENCOURAGE THE INSTALLATION OF POLLUTION ABATEMENT FACILITIES IN INDUSTRIAL ESTABLISHMENTS. UNDER THE ACCA PROGRAM, A 100 PERCENT TAX WRITE-OFF IS PERMITTED FOR THE ACQUISITION OF AIR OR WATER POLLUTION CONTROL EQUIPMENT. THE TAX WRITE-OFF ALSO APPLIES TO FIRMS PROVIDING POLLUTION CONTROL SERVICES.

CANADA
SE( )

"A STATISTICAL ESTIMATION OF A DEMAND FUNCTION FOR RESIDENTIAL WATER."
SOCIAL SCIENCE SERIES NO. 11
KITCHEN, HARRY M.
ENGLISH* 00/00/75 PGS 1-9 EPA ID# 03503A
*ALSO FRENCH
WATER

THE OBJECTIVE OF THIS REPORT IS TO DEFINE AND STATISTICALLY TEST THE INFLUENCE OF CLIMATIC FACTORS, POPULATION, HOUSEHOLD SIZE, INCOME AND PRICE ON THE RESIDENTIAL DEMAND FOR WATER IN CENTERS IMPOSING FLAT-RATE CHARGES AND IN METERED CENTERS. SEPARATE MODELS ARE TESTED FOR CENTERS IMPOSING FLAT-RATE CHARGES AND FOR METERED CENTERS, AND IN ORDER TO TEST THE IMPACT OF METERING PER SE, A COMPOSITE MODEL IN WHICH ALL CENTERS ARE INCLUDED IS CONSTRUCTED. SINCE THERE IS SOME ECONOMIC INCENTIVE FOR CONSUMER REGULATION OF WATER USE IN METERED CENTERS, CONSUMPTION PATTERNS IN THESE CENTERS DO NOT EXHIBIT WIDE RANDOM VARIANCE AS IS THE CASE IN FLAT-RATE CENTERS. HOWEVER THE RELATIONSHIP OF COST TO CONSUMPTION THAT IS HYPOTHESIZED IN THE TESTED MODEL WAS NOT APPARENT IN THE ACTUAL RESULTS OF TESTING. NEVERTHELESS, IT IS SHOWN THAT WATER CONSUMPTION IS SUBJECT TO SOME ECONOMIC CONSIDERATION IN METERED AREAS. THE STUDY ALSO INDICATES LESS WATER CONSUMPTION WHERE PUBLIC WATER CONSERVATION EFFORTS ARE EMPLOYED.

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CANADA
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THE REMOVAL AND RECOVERY OF METALS FROM SLUDGE AND SLUDGE INCINERATOR ASH.
RESEARCH REPORT NO. 33
OLIVER, BARRY G., AND JOHN H. CAREY EPA
ENGLISH 02/00/76 PGS 1-58 ID# 03544A
ALSO ST
WATER SOLID WASTE TOXIC SUBS

AS PART OF THE RESEARCH PROGRAM FOR THE ABATEMENT OF MUNICIPAL POLLUTION, UNDER THE PROVISIONS OF THE CANADA-ONTARIO AGREEMENT ON GREAT LAKES WATER QUALITY, THIS RESEARCH REPORT EXAMINES THE ECONOMIC VIABILITY OF REMOVING HARMFUL OR REUSABLE SUBSTANCES FROM WET SLUDGE AND INCINERATED SLUDGE BY CHEMICAL AND ELECTROCHEMICAL PROCESSES. IN THE CASE OF WET SLUDGE, PROCESSING COSTS FOR THE LARGE VOLUMES OF DILUTE LEACHATE, INTO WHICH SLUDGE MUST BE CONVERTED, WOULD BE HIGH, AND THE REMOVAL OF HEAVY METALS FROM WET SLUDGE TO REDUCE THEIR TOXICITY DOES NOT APPEAR TO BE ECONOMICALLY FEASIBLE. WHILE THE PROCESSING COSTS FOR INCINERATOR ASH ARE MUCH LESS THAN THOSE FOR WET SLUDGE, THE PROCEDURE, NEVERTHELESS, DOES NOT APPEAR TO BE ECONOMICALLY VIABLE EXCEPT FOR VERY LARGE TREATMENT PLANTS BECAUSE OF THE COMPLEXITIES INVOLVED IN PROCESSING.

CANADA
ST( )

AN INTRODUCTION TO ELECTROSTATIC PRECIPITATION. INTERNAL
REPORT APCD 75-2
DIBBS, H.P.
ENGLISH 05/00/75 PGS 1-33 EPA ID# 03463A
AIR

THE CONTROL OF PARTICULATE EMISSIONS BY MEANS OF ELECTROSTATIC PRECIPITATORS IS DISCUSSED IN THIS PAMPHLET. A DESCRIPTION IS GIVEN OF THE PRECIPITATION PROCESS, OF AVAILABLE PRECIPITATOR TYPES, AND OF THE FACTORS THAT INFLUENCE COLLECTION EFFICIENCY. DATA ON COLLECTION EFFICIENCY AS A FUNCTION OF PARTICLE SIZE ARE ALSO PRESENTED.

CANADA
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"AIR POLLUTION EMISSIONS AND CONTROL TECHNOLOGY. ASPHALT PAVING INDUSTRY."
ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-AP-74-2
ROBERT, J., AND OTHERS EPA
ENGLISH 04/00/75 PGS 1-38 ID# 03504A
ALSO PMB
AIR

PREPARED BY THE CANADIAN AIR POLLUTION CONTROL DIRECTORATE. THIS ECONOMIC AND TECHNICAL REVIEW REPORT EXAMINES THE PRESENT AND FUTURE CONTRIBUTIONS TO AIR POLLUTION CONTROL BY THE CANADIAN HOT-MIX ASPHALT INDUSTRY AND DISCUSSES THE EQUIPMENT AND TECHNOLOGY AVAILABLE TO CONTROL THESE AIR POLLUTION EMISSIONS. THERE ARE 357 REPORTED ASPHALT PLANTS IN CANADA AND THEIR ANNUAL PRODUCTION IN 1972 WAS 14.5 MILLION TONS OF ASPHALT. PARTICULATE EMISSIONS ARE THE LARGEST AIR POLLUTANT ASSOCIATED WITH THE INDUSTRY, AMOUNTING TO MORE THAN 60,000 TONS PER YEAR. METHODS FOR CONTROLLING THESE EMISSIONS AND THE AVAILABILITY, PERFORMANCE AND COSTS OF POLLUTION CONTROL EQUIPMENT FOR THE INDUSTRY ARE DISCUSSED IN DETAIL AND ILLUSTRATED BY SEVERAL FIGURES AND TABLES.

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CANADA
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"AIR POLLUTION EMISSIONS AND CONTROL TECHNOLOGY. SECONDARY LEAD SMELTER AND ALLIED INDUSTRIES." ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-AP-75-3
HAVELOCK, VICTOR C.
ENGLISH 07/00/75 PGS 1-30 EPA ID# 03506A
ALSO LRB
AIR

PREPARED BY THE CANADIAN AIR POLLUTION CONTROL DIRECTORATE. THIS ECONOMIC AND TECHNICAL REVIEW REPORT EVALUATES THE CONTRIBUTION TO AIR POLLUTION CONTROL BY THE CANADIAN SECONDARY LEAD SMELTER AND ALLIED INDUSTRIES IN 1970. SECONDARY LEAD MANUFACTURING IS DEFINED AND CANADIAN OPERATIONS ARE REVIEWED WITH RESPECT TO SIZE, LOCATION, PRODUCTS AND EMISSIONS AS ILLUSTRATED BY SEVERAL FIGURES AND TABLES. CONTROL TECHNOLOGY IS DISCUSSED AND ITS POTENTIAL FOR EMISSION REDUCTION IS ESTIMATED. THE REPORT SERVES TO PROVIDE BACKGROUND INFORMATION FOR USE IN THE ESTABLISHMENT OF NATIONAL EMISSION STANDARD REGULATIONS FOR THE CANADIAN SECONDARY LEAD SMELTING INDUSTRY.

CANADA
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ATMOSPHERIC ENVIRONMENT SERVICE. MONTHLY BULLETIN OF CANADIAN UPPER AIR DATA
CANADA. ATMOSPHERIC ENVIRONMENT SERVICE
ENGLISH* 00/00/00 PGS EPA ID# 03517A
ALSO PMB/*ALSO FRENCH
AIR

FIRST APPEARING IN 1959, THE MONTHLY BULLETIN FOR CANADIAN UPPER AIR DATA, PUBLISHED BY THE CANADIAN ATMOSPHERIC ENVIRONMENT SERVICE, PROVIDES DAILY VALUES AND MONTHLY MEANS OF CHECKED DATA OBTAINED FROM THE RAWINSONDE ASCENTS AT CANADIAN STATIONS. THE TABLES OF READINGS CONTAINED IN THE TEXT OF THE BULLETIN ARE ARRANGED IN THE FORMAT RECOMMENDED BY THE WORLD METEOROLOGICAL ORGANIZATION AND ARE PRESENTED IN ALPHABETICAL ORDER ACCORDING TO THE NAME OF THE STATION WHERE THE MEASUREMENTS WERE TAKEN. INTRODUCTORY MATERIAL TO EACH ISSUE OF THE BULLETIN EXPLAINS THE SYMBOLS, CODES AND UNITS USED IN THE TABLES. EACH JANUARY ISSUE CONTAINS ADDITIONAL INFORMATION ON THE PUBLICATION OF THE BULLETIN, EXISTING SUPPLEMENTS, PROCESSING OF DATA FOR THE BULLETIN, LOCATION AND DESCRIPTION OF MEASURING STATIONS, AND OTHER EXPLANATORY NOTES.

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CANADA
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STANDARD REFERENCE METHODS FOR SOURCE TESTING: MEASUREMENT OF EMISSIONS OF SULFUR DIOXIDE FROM STATIONARY SOURCES
CANADA. ENVIRONMENT CANADA
ENGLISH*
*ALSO FRENCH
AIR
09/00/75 PGS 1-8
EPA ID# 03542A

THE METHOD FOR MEASURING THE EMISSIONS OF SULFUR DIOXIDE FROM STATIONARY SOURCES IS DESCRIBED IN THIS REPORT. THIS METHOD, USED IN CONJUNCTION WITH REPORT 1-AP-74-1 OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, WORKS ON THE PRINCIPLE OF EXTRACTING A GAS SAMPLE FROM A POINT NEAR THE CENTER OF THE STACK, AND THE APPROPRIATE RANGE AND SENSITIVITY REFERENCES, INTERFERENCES, APPARATUS, REAGENTS, PROCEDURES AND CALCULATIONS ARE PRESCRIBED. FIGURES 1 AND 2 OF THE REPORT GIVE THE SULFUR DIOXIDE SAMPLING TRAIN AND A SAMPLE SULFUR DIOXIDE FIELD DATA SHEET. THE APPLICATION OF THE METHOD TO A SPECIFIC SOURCE WILL BE PRESCRIBED IN GUIDELINES AND REGULATIONS APPLICABLE TO THE SOURCE.

CANADA
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SLUDGE INCINERATION AND PRECIPITANT RECOVERY. VOL. 1. A SELECTIVE CODED BIBLIOGRAPHY. RESEARCH REPORT NO. 31
PLUMMER, DEREK
ENGLISH
GENERAL
02/00/76 PGS 1-31
EPA ID# 03490A

INCINERATION HAS BEEN A POPULAR METHOD OF ULTIMATE DISPOSAL OF SEWAGE SLUDGES FOR MANY YEARS. WITH THE RECENT IMPLEMENTATION OF CHEMICAL PHOSPHORUS REMOVAL PROGRAMS AT MUNICIPAL WASTEWATER TREATMENT PLANTS, INTEREST HAS DEVELOPED IN THE RECOVERY AND RECYCLING OF THE CHEMICAL PRECIPITANTS (ALUM, IRON, AND LIME) FROM INCINERATED SLUDGE ASH. THE WASTEWATER TECHNOLOGY CENTRE OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE INITIATED A "SLUDGE INCINERATION AND PRECIPITANT RECOVERY PROGRAM" IN 1972. AN EXTENSIVE REVIEW OF THE RELATED SIGNIFICANT ENGLISH LANGUAGE LITERATURE FROM THE PERIOD 1968 TO 1974 WAS PERFORMED AS PART OF THIS PROGRAM AND IS SUMMARIZED IN THIS BIBLIOGRAPHY.

CANADA
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MONTHLY RADIATION SUMMARY
CANADA. ATMOSPHERIC ENVIRONMENT SERVICE
ENGLISH*
*ALSO FRENCH
RADIATION
00/00/00 PGS
EPA ID# 03513A

THIS MONTHLY PUBLICATION, BEGINNING PUBLICATION WITH THE JANUARY 1960 ISSUE, IS PUBLISHED BY THE CANADIAN ATMOSPHERIC ENVIRONMENT SERVICE AND IS DESIGNED TO PROVIDE RESEARCH SCIENTISTS, ENGINEERS AND OTHER INTERESTED PARTIES WITH RADIATION DATA FROM MEASUREMENTS AT CANADIAN STATIONS AS SOON AS POSSIBLE AFTER THE END OF EACH MONTH. HOURLY RADIATION READINGS ARE LISTED IN TABLES, AND THESE TABLES ARE ARRANGED IN ALPHABETICAL ORDER BY STATION WHERE READINGS ARE TAKEN DURING THE MONTH. INTRODUCTORY MATERIAL IN EACH ISSUE DEFINES TERMS OF REFERENCE, EXPLAINS THE PROCESSING OF COLLECTED READINGS, AND ALSO GIVES INFORMATION CONCERNING BACK ISSUES, SUPPLEMENTS, SUBSCRIPTIONS AND EDITING OF THE MONTHLY RADIATION SUMMARY.

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CANADA
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LAND DISPOSAL OF SEWAGE SLUDGE. VOLUME III. RESEARCH REPORT NO. 35

ENGLISH
TOXIC SUBS
02/00/76 PGS 1-282 EPA ID# 03526A

AS PART OF THE RESEARCH PROGRAM FOR THE ABATEMENT OF MUNICIPAL POLLUTION. UNDER THE PROVISIONS OF THE CANADA-ONTARIO AGREEMENT ON GREAT LAKES WATER QUALITY. THIS RESEARCH REPORT COVERS RUNOFF STUDIES WITH FALL, WINTER AND SPRING APPLIED SEWAGE SLUDGE, AND FIELD RATE AND SOURCE OF SLUDGE STUDIES WITH BROMEGRASS AND CORN ON LOAM SOILS. A GREENHOUSE TRIAL WITH DIFFERENT RATES AND SOURCES OF SLUDGE ON TWO SOILS AT THREE PH LEVELS IS ALSO REPORTED. FLUID DIGESTED SEWAGE SLUDGES TREATED WITH CALCIUM OXIDE, ALUMINUM SULPHATE AND FERRIC CHLORIDE WERE USED IN THE STUDIES. CHEMICAL ANALYSES OF THE SLUDGE, SOIL NITROGEN, CROP YIELDS AND NUTRIENT AND METAL CONTENT OF CROPS ARE PRESENTED ALONG WITH MICROBIAL STUDIES OF THE SLUDGE AND THE CROPS GROWN. DETAILED DESCRIPTIONS OF THE SOILS USED ARE ALSO PRESENTED.

CANADA
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"WATER KNOWLEDGE SOUGHT THROUGH RESEARCH GRANTS." ENVIRONMENT CANADA NEWS RELEASE

ENGLISH
WATER
09/12/72 PGS 1-4 EPA ID# 00943A

A QUEST FOR BETTER UNDERSTANDING OF WATER AND HOW TO KEEP IT WHOLESOME IS BEING SUPPORTED BY ENVIRONMENT CANADA THROUGH GRANTS OF $1,413,675 FOR PROJECTS AT 29 UNIVERSITIES FOR FISCAL YEAR 1973. OF THIS AMOUNT, $930,000 GOES TO SIX UNIVERSITIES TO AID IN THE DEVELOPMENT OF INTER-DISCIPLINARY RESEARCH AND TRAINING AND THE REMAINDER TO 89 INDIVIDUAL PROJECTS. AN EXAMPLE OF THE FIRST TYPE OF GRANT IS THAT OF $200,000 TO THE AGASSIZ CENTRE FOR WATER STUDIES, UNIVERSITY OF MANITOBA, TO STUDY THE ALLOCATION CONFLICT BETWEEN WATER IN ITS NATURAL STATE AND WATER COMMITTED PRIMARILY TO ENGINEERED DEVELOPMENT. SOME OF THE INDIVIDUAL PROJECTS RECEIVING GRANTS HAVE TO DO WITH: SOIL CLASSIFICATION FOR WATER RESOURCE MANAGEMENT; USE OF INDUSTRIAL AND FOOD PROCESS WASTE WATERS, AND; SUB-LETHAL EFFECTS OF MINE WASTES ON AQUATIC ORGANISMS.

CANADA
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ETUDE DE LA QUALITE DES EAUX DU LAC MEMPHREMAGOG (WATER QUALITY SURVEY OF LAKE MEMPHREMAGOG). PUBLICATION NO. 39
QUEBEC WATER BOARD
FRENCH
SUMMARY IN ENGLISH; ALSO PMB
WATER
11/00/71 PGS 1-168 EPA ID# 00953A

THIS REPORT IS THE RESULT OF A WATER QUALITY SURVEY UNDERTAKEN BY THE QUEBEC WATER BOARD AFTER SEPTEMBER 1968, WHEN A PROLIFERATION OF ALGAE COVERED ALMOST THE WHOLE SURFACE OF LAKE MEMPHREMAGOG WHICH IS SITUATED ON THE QUEBEC-VERMONT BORDER AND WHICH IS IMPORTANT AS A SOURCE OF DRINKING WATER AND AS A RECREATIONAL AREA. THE MAIN SECTIONS OF THE REPORT DISCUSS THE MAIN CHARACTERISTICS OF THE BASIN OF THE LAKE; DETAIL THE ORGANIZATION OF THE SURVEY; DISCUSS THE EXTENT TO WHICH THE LAKE IS POLLUTED, THE SOURCES OF THE POLLUTION, AND THE INFLUENCES OF ORGANIC POLLUTION ON THE GROWTH OF ALGAE; AND PRESENT THE FINDINGS OF EFFORTS TO EVALUATE THE QUALITY OF THE LAKE WATER. RECOMMENDATIONS OF THE WATER BOARD RELATING TO WASTE DISPOSAL IN THE AREA OF THE LAKE CONCLUDE THE REPORT. NUMEROUS MAPS, GRAPHS, AND PHOTOGRAPHS ARE INCLUDED. A 38-PAGE ENGLISH SUMMARY OF THE REPORT APPEARS AS PUBLICATION NO. 398 OF THE QUEBEC WATER BOARD.

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CANADA
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ECOLOGICAL STUDIES OF AQUATIC ORGANISMS IN THE MACKENZIE AND PORCUPINE RIVER DRAINAGES IN RELATION TO SEDIMENTATION. TECHNICAL REPORT NO. 547
ROSENBERG, D.M. AND N.B. SNOW EPA
ENGLISH 00/00/75 PGS 1-86 ID# 03410A
WATER

ISSUED BY THE FISHERIES AND MARINE SERVICE OF ENVIRONMENT CANADA. THIS TECHNICAL REPORT EXAMINES THE EFFECT OF INCREASED SEDIMENTATION ON AQUATIC LIFE IN NORTHERN CANADIAN WATERSHEDS. PART I OF THE REPORT DISCUSSES EFFECTS OF SEDIMENTATION IN GENERAL BY REVIEWING CURRENT LITERATURE ON THE NATURAL AND MAN-MADE SOURCES OF INCREASED SEDIMENTATION, THE MODE OF ACTION OF SUSPENDED AND SETTLED SEDIMENTS, EFFECTS OF FLORA AND FAUNA, SEDIMENT CONCENTRATIONS IN RELATION TO THE EFFECT ON AQUATIC LIFE AND THE NEEDS OF RESEARCH IN THIS AREA. PART II OF THE REPORT REPRESENTS DESCRIPTIVE CASE STUDIES ON NATURAL AND MAN-MADE OCCURENCES OF SEDIMENTATION, I.E. THE EFFECTS OF A MUDSLIDE AND TWO HIGHWAY CROSSINGS ON THE AQUATIC ORGANISMS OF FLOWING WATERS IN THE MACKENZIE AND PORCUPINE RIVER DRAINAGES. PART III DEVELOPS EXPERIMENTAL METHODS FOR SEDIMENTATION STUDY THROUGH THE ANALYSIS OF THE EFFECT OF CONTROLLED SEDIMENT ADDITION ON THE MACROINVERTEBRATE DRIFT IN THE HARRIS RIVER. FIGURES AND TABLES COMPLEMENT THE TEXT OF THE REPORT.

CANADA
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THE EFFECTS OF CRUDE OIL ON THE COLONIZATION OF ARTIFICIAL SUBSTRATES BY ZOOBENTHOS ORGANISMS. TECHNICAL REPORT NO. 551
SNOW, N.B. AND D.M. ROSENBERG. EPA
ENGLISH 00/00/75 PGS 1-35 ID# 03412A
WATER

ISSUED BY THE FISHERIES AND MARINE SERVICE OF ENVIRONMENT CANADA. THIS TECHNICAL REPORT STUDIES THE EFFECT OF CRUDE OIL ON SUBSTRATE COLONIZATION BY ZOOBENTHOS IN TWO MAJOR WATERSHED TYPES IN NORTHERN CANADA: LOW DISCHARGE, LOW SUSPENDED SEDIMENT SYSTEMS (SUCH AS THE TRAIL RIVER AND CARIBOU BAR CREEK) AND HIGH DISCHARGE, HIGH SUSPENDED SEDIMENT SYSTEMS (SUCH AS THE LAIRD RIVER AND THE MACKENZIE EAST CHANNEL). THE METHODOLOGY OF THIS EXPERIMENT CONSISTED OF SUSPENDING SIX ARTIFICIAL SUBSTRATE SAMPLERS, THREE DIPPED IN OIL AND THREE ACTING AS CONTROLS, IN THE DIFFERENT SUBJECT WATERCOURSES FOR VARYING LENGTHS OF TIME. THE DIVERSITY, DOMINANCE PATTERNS AND RESPONSES OF COLONIZING ZOOBENTHOS COLLECTING ON BOTH OIL-TREATED AND CONTROL SUBSTRATES ARE ANALYZED AND CORRELATED. RESULTS SHOWED A SIGNIFICANT EFFECT OF THE PRESENCE OF OIL ON COLONIZING ZOOBENTHOS IN ALL TESTED WATERSHEDS, SOME ZOOBENTHOS TYPES SHOWING A TOLERANCE TO OIL WHILE OTHERS DECREASED CONSIDERABLY DUE TO THE PRESENCE OF OIL.

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SURFACE WATER DATA: ONTARIO 1974. WATER SURVEY OF CANADA

ENGLISH
ALSO PMB
WATER

00/00/75 PGS 1-233 EPA ID# 03483A

PUBLISHED ANNUALLY BY THE WATER RESOURCES BRANCH OF THE CANADIAN DEVELOPMENT OF THE ENVIRONMENT. THIS REPORT PRESENTS THE TABULATED RESULTS OF THE HYDROMETRIC SURVEY INVESTIGATIONS MADE IN THE CANADIAN PROVINCE OF ONTARIO AND AT A FEW STATIONS OPERATED IN QUEBEC. AS PART OF THE WATER SURVEY OF CANADA. INTRODUCTORY INFORMATION CONTAINED IN THE SURVEY REPORT BRIEFLY DESCRIBES THE ORGANIZATION. HISTORY. AND PUBLICATION OF HYDROMETRIC SURVEY OPERATIONS IN CANADA AND DEFINES THE TERMS. ABBREVIATIONS. EQUIVALENCY VALUES AND METHODS USED IN TABULATING THE COLLECTED DATA. THE BODY OF THE SURVEY REPORT CONTAINS THE TABLES OF DAILY WATER LEVEL OR DISCHARGE MEASUREMENTS FOR EACH REPORTING STATION ALONG WITH CORRESPONDING MONTHLY AND ANNUAL SUMMARIES OF DATA AND DESCRIPTIVE INFORMATION ABOUT THE MEASURING STATIONS WHERE DATA WAS COLLECTED. TABLES ARE PRESENTED IN ALPHABETICAL ORDER ACCORDING TO THE NAME OF THE MEASURING STATION.

CANADA
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SURFACE WATER DATA: ATLANTIC PROVINCES 1974. WATER SURVEY OF CANADA

ENGLISH
ALSO PMB
WATER

00/00/75 PGS 1-93 EPA ID# 03484A

PUBLISHED ANNUALLY BY THE WATER RESOURCES BRANCH OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT. THIS REPORT PRESENTS THE TABULATED RESULTS OF THE HYDROMETRIC SURVEY INVESTIGATIONS WHICH WERE MADE IN THE ATLANTIC PROVINCES OF CANADA DURING 1974 AS PART OF THE WATER SURVEY OF CANADA. INTRODUCTORY INFORMATION CONTAINED IN THE SURVEY REPORT BRIEFLY DESCRIBES THE ORGANIZATION. HISTORY. AND PUBLICATION OF HYDROMETRIC SURVEY OPERATIONS IN CANADA AND DEFINES THE TERMS. ABBREVIATIONS. EQUIVALENCY VALUES AND METHODS USED IN TABULATING THE COLLECTED DATA. THE BODY OF THE SURVEY REPORT CONTAINS THE TABLES OF DAILY WATER LEVEL OR DISCHARGE MEASUREMENTS FOR EACH REPORTING STATION ALONG WITH CORRESPONDING MONTHLY AND ANNUAL SUMMARIES OF DATA AND DESCRIPTIVE INFORMATION ABOUT THE MEASURING STATIONS WHERE DATA WAS COLLECTED. TABLES ARE PRESENTED ALPHABETICALLY ACCORDING TO THE NAME OF THE MEASURING STATION.

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"THE GENERAL PHYSICAL AND CHEMICAL DATA FOR WATER AND SEDIMENT OF THE MACKENZIE AND PORCUPINE WATERSHEDS ... PART I AND II." TECHNICAL REPORT NO. 556
CAMPBELL, P., AND OTHERS
ENGLISH
WATER
00/00/75 PGS 1-396 EPA ID# 03494A

THIS REPORT IS THE TWELFTH IN A SERIES OF 13 REPORTS ON ECOLOGICAL STUDIES OF AQUATIC SYSTEMS IN THE MACKENZIE AND PORCUPINE DRAINAGES IN RELATION TO PROPOSED PIPELINE AND HIGHWAY DEVELOPMENTS. THE REPORT CONTAINS A COMPILATION OF PHYSICAL AND CHEMICAL DATA ON RIVER, STREAM AND LAKE WATERS, BOTTOM, SHORE AND BANK SEDIMENTS AND RATES OF TRANSPORT OF DISSOLVED AND SUSPENDED ELEMENTS AT SELECTED STATIONS IN THESE WATERSHEDS DURING 1971-1974. INTERPRETATION OF THE DATA PRESENTED HERE AND ITS RELATION TO PARALLEL BIOLOGICAL STUDIES ARE REPORTED IN PRECEDING REPORTS. THE DATA FOR THIS REPORT WERE OBTAINED AS A RESULT OF INVESTIGATIONS CARRIED OUT UNDER THE GOVERNMENT OF CANADA ENVIRONMENTAL-SOCIAL PROGRAM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVELOPMENT. (FULL TITLE IS: GENERAL PHYSICAL AND CHEMICAL DATA FOR WATER AND SEDIMENT OF THE MACKENZIE AND PORCUPINE WATERSHEDS AND RATES OF TRANSPORT OF DISSOLVED AND SUSPENDED ELEMENTS AT SELECTED STATIONS IN THE MACKENIZE AND PORCUPINE WATERSHEDS 1971-1974.)

CANADA
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"UTILIZATION OF ALUMIZED RED MUD SOLIDS (ARMS), FOR PHOSPHORUS REMOVAL."
TECHNOLOGY DEVELOPMENT REPORT EPS 4-WP-75-2
SHANNON, E. E.
ENGLISH
WATER
08/00/75 PGS 1-15 EPA ID# 03499A

ALUMIZED RED MUD SOLIDS (ARMS), A NEW MATERIAL WITH COAGULANT PROPERTIES DERIVED FROM THE WASTE PRODUCT (RED MUD) OF THE BAYER PROCESS FOR PRODUCING ALUMINUM, HAS POTENTIAL APPLICATION IN WASTEWATER TREATMENT SYSTEMS, PARTICULARLY FOR PHOSPHORUS REMOVAL. THIS REPORT, ISSUED IN THE TECHNOLOGY DEVELOPMENT REPORT SERIES BY THE WATER POLLUTION CONTROL DIRECTORATE OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, DESCRIBES PILOT PLANT EXPERIMENTS UTILIZING ARMS TO TREAT MUNICIPAL WASTEWATER. BOD, SUSPENDED SOLIDS AND TOTAL PHOSPHORUS REMOVAL EFFICIENCIES ARE REPORTED AND COMPARED TO RESULTS FROM A SIMILAR ALUMINUM SULPHATE (ALUM) EXPERIMENT. THE FATE OF THE HEAVY METAL IMPURITIES IN THE ARMS WAS ALSO INVESTIGATED. IT WAS CONCLUDED THAT ARMS COULD BE USED IN FULL SCALE PHOSPHORUS REMOVAL SYSTEMS, RESULTING IN CHEMICAL OPERATING COSTS AS MUCH AS FIFTY PERCENT LOWER THAN COMPARABLE ALUM SYSTEMS.

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CANADA
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REMOTE SENSING OF OIL SPILLS
ECONOMIC AND TECHNICAL REVIEW REPORT EPS 3-EE-74-2
THOMSON, K.P.B., AND OTHERS
ENGLISH
WATER 12/00/74 PGS 1-22 EPA ID# 03507A

IN BOTH THE ASSESSMENT AND CLEAN-UP OF OIL SPILLS REMOTE SENSING TECHNOLOGY CAN PLAY A VITAL ROLE. THIS REPORT, PREPARED BY THE ENVIRONMENTAL EMERGENCY BRANCH OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, DISCUSSES THE STATE-OF-THE-ART IN THE REMOTE DETECTION OF OIL SPILLS SPECIFICALLY IN TERMS OF CANADIAN EXPERIENCE AND NEEDS. THE ADVANTAGES AND DISADVANTAGES OF THE THREE BASIC TYPES OF SENSOR TECHNIQUES ARE DISCUSSED. THESE ARE PASSIVE IMAGERY TECHNIQUES OPERATING IN THE VISIBLE RANGE OF THE SPECTRUM, MICROWAVE SYSTEMS, AND ACTIVE OR SPECIALIZED TECHNIQUES. SIMPLE AERIAL PHOTOGRAPHY AND SIMILAR TECHNIQUES OPERATING IN THE VISIBLE RANGE OF THE SPECTRUM ARE LIMITED BY WEATHER CONDITIONS AND TO DAYTIME OPERATION. ALL-WEATHER AND NIGHTTIME SENSING AND TO SOME EXTENT THE ESTIMATION OF OIL THICKNESS CAN BE ACCOMPLISHED BY MICROWAVE SYSTEMS. OTHER SPECIALIZED SENSING METHODS DISCUSSED INCLUDE ACTIVE LASER LINE SCANNER SYSTEMS AND LASER FLUOROSENSORS.

CANADA
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"EFFICIENCY AND RETENTIVITY TESTING AND PERFORMANCE OF SINKING AGENTS IN THE REMOVAL OF OIL SPILLS." ECONOMIC AND TECHNICAL REVIEW REPORT EPS-3-EC-75-1
DICK, JAMES G., AND ANATOL FELDMAN
ENGLISH
WATER 04/00/75 PGS 1-59 EPA ID# 03508A

PREPARED BY THE ENVIRONMENTAL CONSERVATION DIRECTORATE OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, THIS ECONOMIC AND TECHNICAL REVIEW REPORT DISCUSSES TECHNIQUES FOR THE TESTING OF SINKING AGENTS TO DETERMINE THEIR EFFICIENCY IN THE REMOVAL OF OIL, AND THEIR ABILITY TO RETAIN OIL ONCE REMOVED BY THE ACTION OF SINKING. INFORMATION IS ALSO PROVIDED CONCERNING THE EFFECTS OF OIL LAYER THICKNESS INITIALLY, FREE FALL DISTANCE FOR THE SINKING AGENT, TEMPERATURE AND OIL TYPE ON THE EFFICIENCY OF REMOVAL AND ON THE RETENTIVITY OF THE SINKING AGENT. SEVERAL TABLES AND FIGURES ILLUSTRATE THE TEXT OF THE REPORT.

CANADA
ST( )

A STUDY OF THE SOLUBILITY OF OIL IN WATER. TECHNOLOGY DEVELOPMENT REPORT EPS-4-EC-76-1
LU, BENJAMIN C.Y., AND JIRI POLAK
ENGLISH
WATER 02/00/76 PGS 1-25 EPA ID# 03511A

PREPARED BY THE ENVIRONMENTAL CONSERVATION DIRECTORATE OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE, THIS TECHNOLOGY DEVELOPMENT REPORT DESCRIBES EXPERIMENTS CONDUCTED TO DETERMINE THE TOTAL SOLUBILITY OF OIL IN WATER. THE TOTAL SOLUBILITIES OF THREE TYPES OF OILS WERE DETERMINED BY DISSOLUTION TESTS AND BY STATIC EQUILIBRIUM TESTS, BOTH TESTING PROCEDURES ATTAINING SIMILAR RESULTS. THE MAXIMUM SOLUBILITIES AND THE LENGTHS OF TIME IN WHICH THESE SOLUBILITIES WERE ATTAINED WERE ASCERTAINED, AND THE RATES OF REMOVAL OF THE DISSOLVED COMPONENTS FROM SOLUTION IN WATER WERE INVESTIGATED. IT WAS OBSERVED THAT THE TIME DURATION OF REMOVAL WAS ANALAGOUS TO THE TIME DURATION FOR THE ATTAINMENT OF MAXIMUM CONCENTRATION. TRACES OF SOLUBLE HYDROCARBONS WERE FOUND TO PERSIST FOR AT LEAST 13 DAYS AFTER THEIR INTRODUCTION INTO SOLUTION. THE REPORT IS ILLUSTRATED BY SEVERAL TABLES AND FIGURES IN THE TEXT, AND REFERENCES AND RECOMMENDATIONS FOR FUTURE WORK ARE GIVEN.

N AM
CANADA
ST( )

SPECIES LIST OF AQUATIC PLANTS AND ANIMALS COLLECTED FROM THE MACKENZIE AND PORCUPINE RIVER WATERSHEDS FROM 1971-1973. TECHNICAL REPORT NO. 557
WIENS, A.P., AND OTHERS
ENGLISH 00/00/75 PGS 1-39 EPA ID# 03514A
WATER

ISSUED BY THE FISHERIES AND MARINE SERVICE OF ENVIRONMENT CANADA. THIS PUBLICATION IS AN INTERIM LISTING OF THE AQUATIC PLANTS AND INVERTEBRATES COLLECTED AND IDENTIFIED FROM RIVERS AND LAKES IN THE MACKENZIE AND PORCUPINE RIVER WATERSHEDS FROM 1971 TO 1973. A TOTAL OF 381 GENERA AND 464 SPECIES OF INVERTEBRATES WERE FOUND. EACH LISTED ORGANISM IS FOLLOWED BY THE PLACE AND DATE OF COLLECTION.

CANADA
ST( )

PILOT SCALE EVALUATION OF A PHYSICAL-CHEMICAL WASTEWATER TREATMENT SYSTEM FOR COMBINED SEWER OVERFLOWS. RESEARCH REPORT NO. 36
ENGLISH 00/00/76 PGS 1-96 EPA ID# 03524A
WATER

AS PART OF THE RESEARCH PROGRAM FOR THE ABATEMENT OF MUNICIPAL POLLUTION, UNDER PROVISIONS OF THE CANADA-ONTARIO AGREEMENT ON GREAT LAKES WATER QUALITY, THIS RESEARCH REPORT DESCRIBES A TWO-PART PILOT SCALE INVESTIGATION OF THE FEASIBILITY OF USING COARSE SCREENING, MICROSCREENING, AND OZONATION FOR THE TREATMENT OF COMBINED SEWER OVERFLOWS. IN THE FIRST PART OF THE STUDY DIFFERENT CONCENTRATIONS OF COMBINED SEWER OVERFLOWS WERE SIMULATED BY DILUTING RAW SEWAGE WITH DIFFERENT VOLUMES OF TAPWATER. THE AVERAGE REMOVAL EFFICIENCY OF THIS PART OF THE STUDY FOR ALL EXPERIMENTAL CONDITIONS WAS 67 PERCENT BOD REMOVAL, 40 PERCENT SUSPENDED SOLIDS REMOVAL, 26 PERCENT TOTAL PHOSPHORUS REMOVAL AND ALMOST COMPLETE TOTAL COLIFORM REDUCTION. THE SECOND PART OF THE STUDY ADAPTED THE PILOT SCALE TO AN EXISTING COMBINED SEWER OUTFALL. THE MEASURED REMOVAL EFFICIENCY BEING LESS THAN THAT ATTAINED IN THE FIRST PART OF THE STUDY: 29 PERCENT BOD REMOVAL, 30 PERCENT SUSPENDED SOLIDS REMOVAL, 20 PERCENT PHOSPHORUS REMOVAL AND 76 PERCENT FOR COLIFORMS.

CANADA
ST( )

CT PHYSICOCHEMICAL TREATMENT WITH OZONE. RESEARCH REPORT NO. 32
JONES, J. PEYER, AND JEAN DUFORT
ENGLISH 02/00/76 PGS 1-59 EPA ID# 03525A
ALSO SE
WATER

AS PART OF THE RESEARCH PROGRAM FOR THE ABATEMENT OF MUNICIPAL POLLUTION, UNDER THE PROVISIONS OF THE CANADA-ONTARIO AGREEMENT ON GREAT LAKES WATER QUALITY, THIS RESEARCH REPORT DESCRIBES A PILOT STUDY OF DIRECT PHYSICOCHEMICAL TREATMENT OF WASTEWATERS USING OZONE. THE APPLICATION OF OZONE TO WASTEWATERS, ALONG WITH CONVENTIONAL PROCESSES, REDUCES THE SOLUBLE BOD5 BY 40 PERCENT. THE AMOUNT OF OZONE NEEDED TO REDUCE THE BOD AND TOD WAS STUDIED, AND IT WAS DEMONSTRATED THAT TREATMENT WITH EIGHT OZONE CONTACT STAGES TO WASTEWATER RESULTED IN AN EFFLUENT WITH A BOD5 OF 16 MG/L. A COMPARATIVE ECONOMIC STUDY WAS MADE OF DIRECT PHYSICOCHEMICAL TREATMENT WITH ACTIVATED CARBON. THE COST OF THE OZONE PROCESS WAS 17 PERCENT HIGHER, BUT THE ADDITIONAL BENEFITS OF OZONATION SUCH AS DISINFECTION AND AERATION COULD WELL OFFSET ITS EXTRA COST.

N AM
CANADA
ST( )

EFFECT OF STORAGE ON STORM AND COMBINED SEWERS. RESEARCH REPORT NO. 34
HENRY, J.G., AND P.A. AHERN
ENGLISH 02/00/76 PGS 1-106 EPA ID# 03543A
ALSO SE
WATER

AS PART OF THE RESEARCH PROGRAM FOR THE ABATEMENT OF MUNICIPAL POLLUTION, UNDER THE PROVISIONS OF THE CANADA-ONTARIO AGREEMENT ON GREAT LAKES WATER QUALITY, THIS RESEARCH REPORT INVESTIGATES THE EFFECT OF STORAGE ON STORM AND COMBINED SEWERS FOR A RESIDENTIAL SUBDIVISION OF APPROXIMATELY 100 ACRES UNDER DEVELOPMENT IN SOUTHERN ONTARIO. THE STORAGE METHODS EXAMINED WERE: 1) PONDING OF RAINFALL ON FLAT ROOFS; 2) ON-SITE STORAGE OF ROOF RUNOFF; 3) STORAGE OF FLOWS FROM STREET GUTTERS AT CATCH BASINS; AND 4) HOLDING RESERVOIRS AS PART OF THE SEWER NETWORK. THE EFFECTS OF DIFFERENT STORAGE METHODS ON THE OUTFLOW HYDROGRAPH WERE TESTED FOR SEPARATE STORM SEWERS AND FOR COMBINED STORM AND SANITARY SEWERS. THE RESULTS SHOWING SUBSTANTIAL REDUCTIONS IN PEAK FLOW WHERE THE LEVEL OF STORAGE WAS INCREASED, WITH HOLDING RESERVOIRS PROVIDING THE GREATEST REDUCTIONS, AND ALSO SHOWING SLIGHT COST REDUCTIONS WHERE STORAGE WAS INCORPORATED IN COMBINED SEWER SYSTEMS.

COSTA RICA
LR(A)

"JULY 23, 1973 DECREE NO. 5287 REFORMING ARTICLE 413 OF THE PENAL CODE."
LA GACETA - DIARIO OFICIAL, NO. 158, 1973

SPANISH 08/24/73 PGS 1 EPA ID# 03485A
AIR GENERAL

THIS DECREE, APPROVED BY THE LEGISLATIVE ASSEMBLY OF COSTA RICA, AMENDS ARTICLE 413 OF COSTA RICA'S PENAL CODE TO READ AS FOLLOWS: "A PENALTY OF 15 TO 30 DAYS WILL BE IMPOSED ON INDUSTRIALISTS OR ENTREPRENEURS WHO DO NOT ADOPT THE APPROPRIATE MEANS TO PREVENT THE EMISSIONS OF SMOKE, VAPORS OR GASES THAT COULD CAUSE PUBLIC NUISANCE OR BE HARMFUL TO PUBLIC HEALTH, OR WHO DO NOT TAKE MEASURES TO PROPERLY ELIMINATE WASTES THAT COULD CAUSE ENVIRONMENTAL POLLUTION. THE SAME PENALTY WILL BE IMPOSED ON THE OWNERS OR OCCUPIERS OF MOTOR VEHICLES WHICH PRODUCE EMISSIONS OF CARBON MONOXIDE, SMOKE OR OTHER SOURCES OF AIR POLLUTANT WHICH CAUSE PUBLIC NUISANCES OR DANGER TO HEALTH." (THE PENAL CODE OF COSTA RICA WAS ORIGINALLY PROMULGATED BY DECREE NO. 4573 OF MAY 4, 1970).

N AN
COSTA RICA
LR(A)

"JULY 31, 1973 GENERAL HEALTH LAW." SUPPLEMENT NO. 113 TO LA GACETA - DIARIO OFICIAL, NO. 143, 1973

SPANISH
GENERAL

08/31/73 PGS 4145-59 EPA ID# 03537A

THE GENERAL HEALTH LAW OF COSTA RICA, APPROVED BY THE LEGISLATIVE ASSEMBLY OF THAT COUNTRY, CONTAINS THE BASIC PROVISIONS FOR THE PROTECTION OF PUBLIC HEALTH AND THE PROTECTION OF PUBLIC HEALTH FROM ENVIRONMENTAL DETERIORATION. AN INTRODUCTION SUMMARIES THE TEXT OF THE LAW AND DISCUSSES ANTECEDENTS TO THE PASSAGE OF THE LAW IN RELATION TO THE NATIONAL SANITATION CODE AND OTHER ADMINISTRATIVE CODES. THE TEXT OF THE LAW IS DIVIDED INTO THREE PARTS, THE FIRST DELINEATING THE RIGHTS AND DUTIES OF CITIZENS REGARDING PERSONAL HEALTH, RESPECT OF THE HEALTH OF OTHERS AND THE PROTECTION AND ENHANCEMENT OF THE ENVIRONMENT. THE SECOND PART OF THE LAW NAMES AND DISCUSSES THE ATTRIBUTES OF THE APPROPRIATE HEALTH AUTHORITIES AND ADMINISTRATION, AND THE THIRD PART OF THE LAW LISTS THE SANCTIONS CONCERNING CONTRAVENORS AND THE LEGAL AND ADMINISTRATIVE PROCEDURES FOR THEIR APPLICATION.

COSTA RICA
LR(A)

"NOVEMBER 8, 1973 DECREE NO. 5412 ON THE ORGANIZATIONAL LAW OF THE MINISTRY OF HEALTH." SUPPLEMENT NO. 174 TO LA GACETA - DIARIO OFICIAL, NO. 223, 1973

SPANISH
GENERAL

11/27/73 PGS 5705-07 EPA ID# 03538A

THIS DECREE, PROMULGATED BY THE COSTA RICAN LEGISLATIVE ASSEMBLY, DEFINES THE DUTIES AND ORGANIZATION OF THE MINISTRY OF HEALTH AND THE FUNCTIONS OF ITS VARIOUS SUBDIVISIONS. THE MINISTRY IS COMPRISED OF THE MINISTER'S AND VICE MINISTER'S OFFICE, THE GENERAL DIRECTORATE OF HEALTH, AND THE DIVISIONS OF MEDICAL AND PHARMACEUTICAL SERVICES, EPIDEMIOLOGY, ENVIRONMENTAL HEALTH, PROGRAM AREAS, AND ADMINISTRATION. IN ADDITION, AGENCIES DEPENDENT ON OR HOUSED WITHIN THE MINISTER'S OFFICE INCLUDE: THE PLANNING UNIT, LEGAL ADVISORY SERVICE, GENERAL ACCOUNTING SERVICE, NATIONAL HEALTH COUNCIL, MEDICO-SOCIAL ASSISTANCE COUNCIL, NARCOTICS BOARD, ALCOHOLISM INSTITUTE, AND FOOD AND NUTRITION POLICY SECRETARIAT. THE DECREE ALSO DEFINES THE MINISTRY'S INTERNATIONAL HEALTH RELATIONSHIPS, FINANCIAL PROVISIONS, MUNICIPAL SANITARY ACTIVITIES, AND THE APPROPRIATE ENFORCEMENT MECHANISMS FOR IMPLEMENTING THE PROVISIONS OF THIS DECREE AND OTHER HEALTH LAWS IN FORCE.

N AM
COSTA RICA
LR(A)

"MAY 30, 1966 DECREE NO. 16 AMENDING DECREE NO. 9 OF JUL 9, 1954 PRESCRIBING HEALTH REGULATIONS FOR THE MEAT INDUSTRY." INT. DIG. OF HLTH. LEG., NO. 18. WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/67 PGS 714 EPA ID# 01706A
PESTICIDES

THIS DECREE AMENDS NO. 9 OF JUL 9, 1954 BY THE ADDITION OF A NEW CHAPTER (26) ON THE USE OF PESTICIDES, HORMONES, ANTIBIOTICS AND SULFONAMIDES EITHER FOR PROTECTION AGAINST DISEASE OR FOR THE FATTENING OF MEAT ANIMALS. ANOTHER NEW CHAPTER (27) SETS TOLERANCE LIMITS OF RESIDUES OF CHEMICAL PESTICIDES IN MEAT AND PRESCRIBES THE APPLICATION, DOSAGE LEVELS, AND LIMITATIONS ON THE USE OF A NUMBER OF CHEMICAL PESTICIDES REGISTERED BY THE US DEPARTMENT OF AGRICULTURE. THE OFFICIAL TEXT OF THIS DECREE APPEARS IN LA GACETA, JUN 15, 1966, P. 2294-2296.

COSTA RICA
LR(A)

"AUG 24, 1954 DECREE 11 ON PEST CONTROL PRODUCTS." INT. DIG. OF HLTH. LEG., V.8
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/57 PGS 362-365 EPA ID# 01707A
PESTICIDES

THIS DECREE REQUIRES IMPORTERS AND MANUFACTURERS OF PESTICIDES (INSECTICIDES, FUNGICIDES, HERBICIDES, ETC.) AND OF VEGETABLE HORMONES USED IN AGRICULTURE TO REGISTER THEIR PRODUCTS WITH THE DEPARTMENT OF AGRICULTURE AND LIVESTOCK. IT ALSO PRESCRIBES PROCEDURES RELATING TO IMPORTATION AND MANUFACTURE. THE DECREE COVERS THE INFORMATION REQUIRED FOR REGISTRATION: PHYSICAL AND CHEMICAL PROPERTIES OF THE PRODUCTS, ANALYSIS METHODS, RECOMMENDED USE, AND THE RISKS AND PRECAUTIONS. THE DEPARTMENT OF AGRICULTURE AND LIVESTOCK, AFTER CONSULTATIONS WITH MINISTRY TECHNICAL PERSONNEL, IF THE PRODUCT IS APPROVED, THEN REGISTERS IT AND AUTHORIZES ITS SALE. THE DECREE PRESCRIBES DATA TO BE PLACED ON THE LABEL OF CONTAINERS HOLDING PESTICIDES. THE MINISTRY IS AUTHORIZED TO HAVE ESPECIALLY APPOINTED OFFICIALS INSPECT THE MARKETED PRODUCTS, TAKE SAMPLES, AND HAVE IMPROPERLY LABELED CONTAINERS REMOVED FROM THE MARKET. THE OFFICIAL TEXT OF THIS DECREE APPEARS IN LA GACETA, SEPTEMBER 14, 1954, P. 2659-2660.

CUBA
LR(A)

"SEP. 20, 1967 MINIST. RESOLUTION (PUBLIC HEALTH) NO. 335: SANITARY REGULATIONS ON IMPORTATION, TRANSPORT, STORAGE AND HANDLING OF PESTICIDES." INT. DIG. OF HLTH. LEGIS., V
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/68 PGS 603-05 EPA ID# 01710A
PESTICIDES

THIS GENERAL LEGISLATION ON THE USE OF PESTICIDES, WHICH REPEALS ALL CONFLICTING EARLIER LEGISLATION, INCLUDES PROVISIONS DEALING WITH THE FOLLOWING AREAS: COMPULSORY MEASURES FOR THE CONTROL OF DISEASE VECTORS; VECTOR CONTROL SERVICES; FACTORIES FOR PRODUCTS INTENDED FOR THE CONTROL OF INSECTS, RATS, AND MOLLUSKS; IMPORTATION OF PESTICIDES; TRANSPORT OF PESTICIDES; STORAGE; PACKING AND SUPPLY OF PESTICIDES FOR DOMESTIC USE; HEALTH AND SAFETY OF PERSONS HANDLING PESTICIDES; AERIAL SPRAYING; AND PENALTIES. INSTRUCTIONS REGULATING THE USE OF PESTICIDES IN CIRCUMSTANCES ENTAILING CONTAMINATION OF FOODSTUFFS ARE TO BE ISSUED JOINTLY BY THE MINISTRY OF PUBLIC HEALTH AND THE NATIONAL INSTITUTE OF AGRARIAN REFORM.. (THE ORIGINAL TEXT OF THIS RESOLUTION APPEARS IN GACETA OFICIAL DE LA REPUBLICA DE CUBA, OCT. 14, 1967, NO. 6, PP 55-61.)

N AM
DOMINICAN REPUBLIC
LR(A)

"DECREE NO. 3883." GACETA OFICIAL, VOL 94, NO. 9317

SPANISH 10/24/73 PGS 97-98 EPA ID# 02145A
AIR

THIS DECREE BY THE PRESIDENT OF THE DOMINICAN REPUBLIC ESTABLISHES A PERIOD OF 180 DAYS DURING WHICH THE DOMINICAN CORPORATION FOR STATE ENTERPRISES MUST MAKE ARRANGEMENTS TO CLOSE DOWN OR TRANSFER THE OPERATIONS OF ONE OF ITS FIRMS, SALT AND GYPSUM, IN THE PORT OF BARAHONA, DUE TO THE EXCESSIVE AMOUNT OF AIR POLLUTION CAUSED BY LOADING POWDERED GYPSUM ONTO SHIPS. THE DECREE DESIGNATES THE SECRETARY OF THE ARMED FORCES AND THE SECRETARY OF PUBLIC WORKS AND COMMUNICATIONS TO ENFORE THESE PROVISIONS.

DOMINICAN REPUBLIC
LR(A)

DECREE NO. 4612. GACETA OFICIAL, V. 95, NO. 9339, 1974

SPANISH 07/27/74 PGS 7-9 EPA ID# 02149A
ALSO PMA
GENERAL

THIS DECREE ISSUED BY THE PRESIDENT OF THE DOMINICAN REPUBLIC PROVIDES FOR AN INCREASE IN THE STAFFING OF THE POLLUTION STUDY COMMISSION. THIS COMMISSION WAS ORIGINALLY CREATED BY DECREE NO. 2596 ON SEPTEMBER 4, 1972. THE COMMISSION WILL NOW BE COMPOSED OF 25 MEMBERS WHO INCLUDE THE DIRECTOR OF CIVIL DEFENSE AS PRESIDENT; THE HEADS OF THE DOMINICAN MINISTRIES OF LABOR, HEALTH AND WELFARE, PUBLIC WORKS AND INDUSTRY AND COMMERCE; OTHER TOP LEVEL PUBLIC OFFICIALS; AND VARIOUS ENGINEERS AND ARCHITECTS. IN ADDITION, THE NEW DECREE OBLIGATES THE COMMISSION TO SUBMIT A REPORT OF ITS RECOMMENDATIONS ON ENVIRONMENTAL PROBLEMS TO THE DOMINICAN EXECUTIVE AUTHORITY.

DOMINICAN REPUBLIC
LR(A)

"MAY 22, 1968 LAW NO. 311 REGULATING . . . PRODUCTS FOR THE CONTROL OF ANIMAL AND PLANT PESTS, PESTICIDES, HERBICIDES AND SIMILAR PRODUCTS." FOOD & AGRICULTURAL LEG., V. 18. FOOD & AGRICULTURAL ORGANIZATION, UN, COMP.

ENGLISH 09/00/69 PGS 1-6 EPA ID# 01705A
PESTICIDES

THIS LAW REGULATING THE MANUFACTURE, PROCESSING, PACKAGING, STORAGE, IMPORT AND DISTRIBUTION OF, AND ALL TRADE IN INSECTICIDES, PRODUCTS FOR THE CONTROL OF ANIMAL AND PLANT PESTS, PESTICIDES, HERBICIDES, AND SIMILAR PRODUCTS REQUIRES THAT EVERY PESTICIDE AND ITS CONSTITUENTS WHICH ARE TRANSPORTED, DISTRIBUTED OR DISPLAYED FOR SALE MUST COMPLY WITH THE PROVISIONS OF THIS ACT. SALE OF THESE PRODUCTS MAY BE AUTHORIZED ONLY BY THE STATE SECRETARIAT FOR AGRICULTURE. THE LAW COVERS LABELING AND PACKAGING OF THESE PRODUCTS AND THEIR REGISTRATION. IF IT IS DISCOVERED THAT SUBSTANCES EXIST WHICH HAVE A SATISFACTORY LEVEL OF ACTIVITY AND ARE LESS DANGEROUS THAN AN ALREADY REGISTERED PRODUCT, THE SECRATARIAT IS AUTHORIZED TO REQUIRE THAT THE MANUFACTURER OR IMPORTER MODIFY THE LATTER PRODUCT ACCORDINGLY. HEALTH AUTHORITIES ARE EMPOWERED TO CONDUCT INSPECTIONS TO INSURE COMPLIANCE. THE OFFICIAL TEXT APPEARS IN GACETA OFICIAL, JUNE 15, 1968, P. 3-11.

N AM
DOMINICAN REPUBLIC
LR(A)

"OCT 15, 1969 ACT NO. 487 ON GROUNDWATER USE AND CONSERVATION CONTROL." FOOD & AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP.
ENGLISH 06/00/71 PGS 48-54 EPA ID# 01704A
WATER

THIS ACT, APPLYING TO ALL GROUNDWATER WITHIN THE COUNTRY, DEALS WITH THE CONSTRUCTION AND USE OF WELLS. PARAGRAPH 28 STATES THAT WITHIN 90 DAYS OF THE PROMULGATION OF THE ACT THE NATIONAL WATER RESOURCES INSTITUTE SHALL SUBMIT TO THE EXECUTIVE DRAFT REGULATIONS FOR APPLICATION OF THE ACT, WITH DUE CONSIDERATION BEING GIVEN TO THE TECHNICAL CONSTRUCTION OF DEEP WELLS AND TO THE MEASURES NECESSARY FOR THE PREVENTING OF POLLUTION OF GROUNDWATER BY CHEMICAL OR ORGANIC SUBSTANCES. THE OFFICIAL TEXT APPEARS IN GACETA OFICIAL, NOV. 1, 1969. P. 3.

EL SALVADOR
PH(B)

CERRON GRANDE HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
ENGLISH 04/00/73 PGS 1-95 EPA ID# 03455A
ALSO SE
WATER LAND USE

THIS IMPACT REPORT, PREPARED BY THE CARY ARBORETUM OF THE NEW YORK BOTANICAL GARDEN, WAS COMMISSIONED BY THE EXECUTIVE COMMISSION OF THE LEMPA RIVER OF EL SALVADOR FOR SUBMISSION TO THE WORLD BANK IN ACCORDANCE WITH THE BANK'S POLICY REQUIRING ENVIRONMENTAL IMPACT ASSESSMENTS OF PROJECTS IT FINANCES IN DEVELOPING COUNTRIES. THE CERRON GRANDE HYDROELECTRIC PROJECT IS THE LARGEST IN CENTRAL AMERICA AND INVOLVES THE DAMMING OF THE INTERNATIONAL LEMPA RIVER. THE IMPACT REPORT POINTS OUT THE ENVIRONMENTAL REPERCUSSIONS OF THIS PROJECT INCLUDING AGRICULTURAL CONSEQUENCES, EFFECTS ON REGIONAL FLORA AND FAUNA, PUBLIC HEALTH EFFECTS, AND PROBLEMS RELATED TO THE RELOCATION OF INHABITANTS WHO WILL BE FLOODED OUT BY THE PROJECT. GENERAL RECOMMENDATIONS FOR COMMUNITY DEVELOPMENT AND WATERSHED MANAGEMENT ARE SET FORTH TO MINIMIZE THE ENVIRONMENTAL EFFECTS OF THE PROJECT AS WELL AS TO FURTHER PROMOTE THE ECONOMIC GROWTH OF THE REGION WITH CONTINUED FINANCIAL AID FORM INTERNATIONAL ORGANIZATIONS.

N AM
GUATEMALA
LR(A)

"JUL 11, 1968 ORDER TO APPROVE THE REGULATIONS ON AGRICULTURAL PESTICIDES."
INT. DIG. OF HLTH. LEGIS., VOL. 20.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/69 PGS 105-07 EPA ID# 01709A
PESTICIDES

THIS ORDER CONTAINS REGULATIONS APPLYING TO ALL ACTIVITIES CONNECTED WITH THE IMPORTATION, MANUFACTURE, PREPARATION, HANDLING, STORAGE, UTILIZATION, APPLICATION, SALE OF, AND TRADE IN AGRICULTURAL PESTICIDES AND CHEMICAL PRODUCTS OCCASIONALLY USED AS SUCH, AND THE PROTECTION OF THE HEALTH OF PERSONS LIABLE TO BE EXPOSED TO THEIR EFFECTS. INDIVIDUAL SECTIONS DEAL WITH: AUTHORIZATION AND REGISTRATION OF SUCH PRODUCTS; ANALYSIS OF PESTICIDES; LIMITATIONS ON PRODUCTION, IMPORTATION, ETC. OF PESTICIDES; MANUFACTURE, IMPORTATION, UTILIZATION OF, AND TRADE IN MACHINES AND EQUIPMENT USED FOR THE APPLICATION OF PESTICIDES; CONDITIONS TO BE SATISFIED BY PREMISES AND INSTALLATIONS OF ENTERPRISES WHICH UTILIZE, MANUFACTURE OR SUPPLY PESTICIDES; PRECAUTIONARY MEASURES AND OCCUPATIONAL HEALTH SAFETY; ADVERTISING OF PESTICIDES; AND PENALTIES. THE ORIGINAL SPANISH TEXT OF THIS ORDER APPEARS IN EL GUATEMALTECO, DIARIO OFICIAL, JULY 27, 1968, NO. 15, PP. 177-179.

GUATEMALA
LR(A)

"SEP 24, 1946 REGULATIONS RELATING TO IRRIGATION BY MEANS OF WASTEWATER."
INT. DIG. OF HLTH LEG., V. 3.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/52 PGS 168 EPA ID# 01708A
WATER

THESE REGULATIONS PROHIBIT IRRIGATION BY MEANS OF WASTEWATER IN URBAN DISTRICTS WHERE FRUIT AND VEGETABLES ARE GROWN AND CONSUMED WITHOUT FIRST BEING PEELED. AUTHORIZATION IS GRANTED FOR THE IRRIGATION OF GROUND ON WHICH CEREALS, FODDER PLANTS, ORNAMENTAL TREES AND FRUIT TREES ARE GROWN PROVIDED THAT THE IRRIGATION IS CONDUCTED BY ABSORPTION AND NOT BY SPRAYING. AUTHORIZATION IS, HOWEVER, NOT GRANTED FOR IRRIGATION DURING THE HARVESTING OF CROPS. THE OBLIGATION TO USE SAFETY EQUIPMENT IS CITED. THE SPANISH LANGUAGE ORIGINAL OF THESE REGULATIONS APPEARS IN SALUBRIDAD Y ASISTENCIA, JUN 1950, P. 84.

N AM
HONDURAS
LR(A)

"APR 22, 1969 ORDER NO. 470 HEALTH REGULATIONS FOR ENVIRONMENTAL IMPROVEMENT."
FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 06/00/71 PGS 101-106 ID# 01703A
GENERAL WATER SOLID WASTE AIR

THESE REGULATIONS VEST IN THE PUBLIC HEALTH DEPARTMENT, THROUGH THE ENVIRONMENTAL PROTECTION DIVISION, AUTHORITY TO MAKE RULES AND CONDUCT INSPECTIONS RELATING TO ENVIRONMENTAL IMPROVEMENT. AMONG THE RESPONSIBILITIES ASSIGNED TO THE DIVISION ARE: SANITARY CONTROL OF WATER FOR HUMAN CONSUMPTION, SEWAGE DISPOSAL SYSTEMS, DOMESTIC AND INDUSTRIAL WASTEWATERS, COLLECTION AND DISPOSAL OF SOLID WASTES, ENVIRONMENTAL CONDITIONS IN REGARD TO HOUSING AND COMMERCIAL AND INDUSTRIAL ESTABLISHMENTS, AIR POLLUTION AND OTHER HAZARDS, DEVELOPMENT OF URBAN AND RURAL CENTERS, AND INDUSTRIAL AND LABOR HYGIENE. SPECIFIC CHAPTERS AND TITLES DEAL WITH THOSE SPECIFIC AREAS OF RESPONSIBILITY. THESE REGULATIONS ARE ENFORCED BY HEALTH INSPECTORS. SANCTIONS ARE PROVIDED FOR VIOLATIONS. THE OFFICIAL TEXT APPEARS IN LA GACETA, NOS. 19,908-19-984, JAN 2227, 1970.

JAMAICA
PM(A)

"NEW GOVERNMENT OF JAMAICA INSTITUTION ESTABLISHED TO DEAL WITH ECOLOGICAL PROBLEMS." DEPT. OF STATE AIRGRAM, AMEMBASSY KINGSTON, JAMAICA, NO. A-104
U.S. DEPARTMENT OF STATE EPA
ENGLISH 06/12/75 PGS 1-3 ID# 02864A
ALSO SE
WATER GENERAL LAND USE

THIS REPORT, PREPARED BY AMERICAN EMBASSY PERSONNEL IN KINGSTON, JAMAICA, CITES A PARLIAMENTARY PAPER INTRODUCED BY THE JAMAICAN MINISTER OF MINING AND NATURAL RESOURCES, PROPOSING LEGISLATION TO CREATE THE NATURAL RESOURCES CONSERVATION AUTHORITY. THIS AUTHORITY, TO BE ESTABLISHED BY THE AMALGAMATION OF SIX EXISTING ENVIRONMENTAL AND CONSERVATION AGENCIES, WILL BE RESPONSIBLE FOR ADVISING THE MINISTER IN ENVIRONMENTAL MATTERS PERTAINING TO PUBLIC EDUCATION IN ENVIRONMENTAL APPRECIATION, FORMULATION OF ENVIRONMENTAL POLICIES AND STANDARDS, REVIEW OF ECOLOGICALLY RELEVANT DEVELOPMENTAL PROPOSALS, PROGRAMS FOR CONSERVATION OF NATURAL RESOURCES, AND COLLECTION AND DISSEMINATION OF PERTINENT ECOLOGICAL DATA. THE CIVIL SERVICE STAFF OF THIS AUTHORITY WILL BE ORGANIZED INTO THE FOLLOWING SECTIONS: RECREATION AND CONSERVATION DIVISION, WATERSHED ENGINEERING DIVISION, AQUATIC RESOURCES DIVISION, TWO RESOURCE MANAGEMENT DIVISIONS, AND AN ADMINISTRATIVE DIVISION.

N AM
MEXICO
LR(A)

"SEP 17, 1971 REGULATIONS FOR THE PREVENTION AND CONTROL OF AIR POLLUTION ARISING FROM THE EMISSION OF FUMES AND DUSTS." SALUD PUBLICA DE MEXICO, V. 13, NO. 5.

SPANISH 09/00/71 PGS 873-883 EPA ID# 01645A
AIR

THESE REGULATIONS, ISSUED PURSUANT TO THE MARCH 11, 1971 FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION, AUTHORIZE THE FEDERAL EXECUTIVE TO PROMULGATE OR SUBMIT TO THE LEGISLATURE APPROPRIATE FISCAL MEANS TO FACILITATE THE MANUFACTURE, ACQUISITION, AND INSTALLATION OF EQUIPMENT TO AVOID, CONTROL, OR ABATE AIR POLLUTION AND TO PROMOTE THE ESTABLISHMENT OF NEW INDUSTRIAL ZONES THROUGHOUT THE COUNTRY. THE REGULATIONS STIPULATE THAT SPECIAL ATTENTION BE PAID TO INCINERATORS, REFINERIES, POWER STATIONS, RAILROADS, MOTOR VEHICLES, FERTILIZER PLANTS, AND ASPHALT CONCRETE FACTORIES. CHAPTER II DEALS WITH THE EMISSION OF FUMES AND DUSTS; IT BANS CERTAIN EMISSIONS AND SETS STANDARDS FOR OTHERS. CHAPTER III REQUIRES THE SETTING UP OF EDUCATIONAL MEASURES. CHAPTER IV REQUIRES THAT THE SECRETARIAT OF HEALTH AND WELFARE ESTABLISH SAMPLING STATIONS AND CONDUCT INSPECTION OF POLLUTION SOURCES. A PARTIAL TRANSLATION OF THOSE REGULATIONS APPEARS IN THE INT. DIG. OF HEALTH V.23(1972).

MEXICO
LR(A)

"APR 6, 1972 NOTIFICATION (COMPANIES WHICH EMIT FUMES AND DUST IN THEIR OPERATION MUST PRESENT STUDIES)" DIARIO OFICIAL.

SPANISH 04/08/72 PGS 16-17 EPA ID# 01645B
AIR

THIS NOTIFICATION BY THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE ESTABLISHES MAY 17, 1972, AS THE DATE WHEN INDUSTRIES AND ESTABLISHMENTS WHICH IN THEIR OPERATION EMIT FUMES AND DUST MUST PRESENT TO THE SECRETARIAT A STUDY ON THE CHARACTERISTICS OF THEIR COMPANY. THIS DATE IS THE SIX MONTH TERMINATION DATE FOR SUCH STUDIES, STIPULATED IN THE SECOND ARTICLE OF THE REGULATION FOR THE PREVENTION AND CONTROL OF ATMOSPHERIC POLLUTION ARISING FROM EMISSION OF DUST AND FUMES. INFORMATION TO BE INCLUDED IN SUCH STUDIES IS LISTED IN THIS NOTIFICATION.

MEXICO
LR(B)

"65 PERCENT OF HIGHLY POLLUTING INDUSTRY CONTROLLED, VIZCAINO." EXCELSIOR

SPANISH 06/25/75 PGS 4A EPA ID# 01645H
ALSO PMB
AIR

THIS ARTICLE REPORTS ON STATEMENTS MADE BY THE SUBSECRETARY FOR ENVIRONMENTAL IMPROVEMENT OF THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE CONCERNING GOVERNMENT CONTROL OF AIR POLLUTION. OFFICIAL ACTIONS IN COMBATING AIR POLLUTION HAVE NOW RESULTED IN THE CONTROL OF 65 PERCENT OR 46,800 OF THE 72,000 HIGHLY POLLUTING INDUSTRIAL PLANTS. IT IS EXPECTED THAT THE REMAINDER OF THE HIGHLY POLLUTING PLANTS WILL BE BROUGHT UNDER CONTROL BY 1976 ALONG WITH ANOTHER 28,000 LESSER POLLUTING ESTABLISHMENTS IN MEXICO. OTHER STATISTICS CITED IN THE ARTICLE ARE: ONLY 60 SMOKE-EMITTING CHIMNEYS ARE STILL UNCONTROLLED IN MEXICO CITY OUT OF THE 22,000 POLLUTING CHIMNEYS IN EXISTENCE WHEN ENFORCEMENT ACTIONS WERE BEGUN; TEN PERCENT OF MEXICAN INDUSTRIALISTS HAVE BEEN REMISS IN OBEYING AIR POLLUTION REGULATIONS, RESULTING IN THE IMPOSITION OF FINES TOTALING FIVE MILLION PESOS. THE ARTICLE ALSO REPORTS THAT OFFICIAL CAMPAIGNS WILL SOON BE STARTED IN MEXICO CITY IN COOPERATION WITH LOCAL AUTHORITIES TO CONTROL EXCESSIVELY POLLUTING AUTOMOBILES.

N AM
MEXICO
LR(B)

"POLLUTION FROM FUMES AND DUST HAS DROPPED 46 PERCENT SINCE 1972, AFFIRMS VIZCAINO MURRAY." EXCELSIOR
ARTEAGA, RENE
SPANISH 07/04/75 PGS 4A, 5A EPA ID# 01645J
ALSO PMB
AIR

THIS ARTICLE REPORTS ON STATEMENTS MADE BY THE MEXICAN SUBSECRETARY FOR ENVIRONMENTAL IMPROVEMENT CONCERNING CONTINUING GOVERNMENT EFFORTS TO CONTROL AIR POLLUTION. SINCE 1972 THERE HAS BEEN A 46 PERCENT DROP IN AIR POLLUTION IN MEXICO CITY. OF THE 22,000 ACTIVE CHIMNEYS IN THE CITY, ONLY 60 REMAIN UNCONTROLLED. 58,000 LARGE INDUSTRIAL ESTABLISHMENTS HAVE INITIATED SIGNIFICANT ABATEMENT ACTIVITIES, AND THIS NUMBER WILL HAVE INCREASED TO 72,000 BY NOVEMBER 1975 AND 100,000 BY THE END OF 1976. TO DATE, 1,100 POLLUTION FINES HAVE BEEN LEVIED ACCOUNTING FOR 6.5 MILLION PESOS. RADIO-EQUIPPED TEAMS FOR MONITORING VEHICLE POLLUTION, EACH CONSISTING OF A POLICEMAN AND A TECHNICIAN, WILL BEGIN PATROLLING THE STREETS OF MEXICO CITY AND WILL BE EMPOWERED TO SERVE NOTICES OR LEVY FINES AGAINST OWNERS OF EXCESSIVELY POLLUTING VEHICLES. OTHER TOPICS MENTIONED INCLUDE THE ESTABLISHMENT OF AN AIR POLLUTION MONITORING NETWORK AND RESEARCH BY PETROLEOS MEXICANOS IN DESULFURIZING DIESEL FUEL.

MEXICO
LR(A)

"JUL 27, 1972 OFFICIAL STANDARD FOR THE SAMPLE METHOD TO DETERMINE THE APPARENT VISUAL DENSITY OF SMOKE USING THE RINGELMANN SMOKE CHART" DIARIO OFICIAL.
SPANISH 08/05/72 PGS 3-7 EPA ID# 01733A
AIR

THIS OFFICIAL STANDARD BY THE SECRETARIAT OF INDUSTRY AND COMMERCE DESCRIBES THE METHOD OF DETERMINING THE APPARENT VISUAL DENSITY OF SMOKE USING THE RINGELMANN CHART. THIS METHOD IS APPLICABLE ONLY FOR SMOKE VARYING IN TONE FROM TRANSPARENT TO SHADES OF GREY TO BLACK. A BIBLIOGRAPHY AND FORMS FOR RECORDING AND CALCULATING SMOKE DENSITY ARE INCLUDED.

MEXICO
LR(A)

"AUG. 12, 1972 RESOLUTION PROVIDING SUBSIDIES TO NATIONAL INDUSTRIES FOR IMPORTING EQUIPMENT TO CONTROL POLLUTION CAUSED BY FUMES AND DUST" DIARIO OFICIAL.
SPANISH 08/14/72 PGS 4 EPA ID# 01734A
AIR

THIS RESOLUTION BY THE SECRETARIAT OF FINANCE AND CREDIT SUBSIDIZES NATIONAL INDUSTRIES FOR THE IMPORTATION OF EQUIPMENT AND ATTACHMENTS TO CONTROL POLLUTION CAUSED BY THE EMISSION OF FUMES AND DUST. THE SECRETARIAT OF FINANCE AND CREDIT WILL GRANT SUBSIDIES TO NATIONAL INDUSTRIES WHICH IMPORT SUCH EQUIPMENT DIRECTLY ACCORDING TO THE TOTAL SPECIFIED QUOTAS AND AD-VALOREM OF THE GENERAL IMPORTATION TAX. THE SECRETARIAT OF INDUSTRY AND COMMERCE WILL GRANT IMPORTATION PERMITS IF THE MERCHANDISE BEING IMPORTED IS NOT MANUFACTURED LOCALLY AT A SIMILAR QUALITY OR PRICE OR DOES NOT HAVE THE SAME DELIVERY TIME. THE SECRETARIAT OF HEALTH AND ASSISTANCE WILL BE RESPONSIBLE FOR VERIFYING THE INSTALLATION OF THE EQUIPMENT OF WHICH THE IMPORTATION IS SUBSIDIZED.

N AM
MEXICO
LR(A)

"JAN 13, 1972 INSTRUCTIVE DESCRIBING THE CHARACTERISTICS, USE, AND INTERPRETATION OF THE RINGELMANN SMOKE CHART" DIARIO OFICIAL.

EPA
SPANISH 03/25/72 PGS 10-12 ID# 01746A
AIR

THIS INSTRUCTIVE BY THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE SERVES TO EVALUATE SMOKE EMISSIONS AND REFERS TO ARTICLES 10, 11, 12, 14, AND 15 OF THE REGULATIONS FOR THE PREVENTION AND CONTROL OF AIR POLLUTION ARISING FROM THE EMISSION OF FUMES AND DUST. THIS INSTRUCTIVE EXPLAINS HOW TO CONSTRUCT AND USE A RINGELMANN SMOKE CHART AND CONTAINS A SAMPLE CHART. AN EXPLANATION OF HOW TO MEASURE THE DENSITY OF DIFFERENT COLORED SMOKE IS INCLUDED.

MEXICO
LR(B)

"GOM (GOVERNMENT OF MEXICO) EFFORTS TO REDUCE AIR POLLUTION." DEPT. OF STATE AIRGRAM, AMEMBASSY MEXICO CITY, NO. A-534
UNITED STATES DEPARTMENT OF STATE
EPA
ENGLISH 12/12/74 PGS 1-8 ID# 02435A
ALSO PNB AND SE
AIR GENERAL

THIS REPORT, PREPARED BY UNITED STATES EMBASSY PERSONNEL IN MEXICO CITY, DISCUSSES THE DEGREE OF MEXICAN INDUSTRIAL COMPLIANCE WITH AIR POLLUTION LAWS, CITES FORTHCOMING MEXICAN ANTI-POLLUTION LEGISLATION, AND ANALYZES THE LUCRATIVE POTENTIAL IN MEXICO FOR THE MARKETING OF ANTI-POLLUTION EQUIPMENT FROM THE UNITED STATES. ENCLOSURE ONE TO THE REPORT LISTS 15 COMPANIES WHICH ARE CURRENTLY MANUFACTURING ANTI-POLLUTION EQUIPMENT IN MEXICO. ENCLOSURE TWO LISTS THE 2,927 FIRMS WHICH ARE CONSIDERED TO BE HIGHLY POLLUTING BY THE MEXICAN SUB-SECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT. THE REPORT ALSO STATES THAT 58,352 FIRMS ARE MEDIUM POLLUTERS, AND 10,769 ARE LOW POLLUTERS. ON THE AVERAGE, 30 PERCENT OF MEXICAN INDUSTRY HAS COMPLIED WITH APPROVED AIR POLLUTION STANDARDS. ADHERING TO A POLICY OF DIALOGUE, NOT SANCTIONS, THE GOVERNMENT CONSIDERS THE ECONOMIC SITUATION OF EACH FIRM IN WORKING OUT A MUTUALLY ACCEPTABLE TIMETABLE FOR THE INSTALLATION OF ANTI-POLLUTION EQUIPMENT. HOWEVER, 267 DELINQUENT FIRMS HAVE REFUSED TO COOPERATE.

MEXICO
LR(A)

"MAR 11, 1971 FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION." DIARIO OFICIAL, NO. 2.

EPA
SPANISH 03/23/71 PGS 8-11 ID# 01644A
GENERAL AIR WATER

THIS LAW GOVERNS THE PREVENTION AND CONTROL OF POLLUTION AND THE IMPROVEMENTS, CONSERVATION, AND RESTORATION OF THE ENVIRONMENT IN THE PUBLIC INTEREST. THE LAW STIPUALTES THAT ALL POLLUTANTS AND CAUSES OF POLLUTION, WHATEVER THEIR SOURCE, WHICH ARE DIRECTLY OR INDIRECTLY CAPABLE OF PRODUCING POLLUTION OR THE DEBASEMENT OF ECOLOGICAL SYSTEMS ARE SUBJECT TO PREVENTIVE, REGULATORY, AND PROHIBITORY MEASURES BY THE FEDERAL GOVERNMENT. RESPONSIBILITY FOR THE IMPLEMENTATION OF THIS LAW AND REGULATIONS ISSUED PURSUANT TO IT RESTS WITH THE FEDERAL GOVERNMENT ACTING THROUGH THE INTERMEDIARY OF THE SECRETARIAT FOR HEALTH AND WELFARE. CHAPTER II OF THE LAW DEALS WITH THE PREVENTION AND CONTROL OF AIR POLLUTION (INCLUDING NATURAL, ARTIFICIAL, FIXED, MOBILE, AND OTHER SOURCES). CHAPTER III DEALS WITH THE PREVENTION AND CONTROL OF WATER POLLUTIONS AND CHAPTER IV DEALS WITH THE PREVENTION AND CONTROL OF SOIL POLLUTION. AN ENGLISH-LANGUAGE TRANSLATION APPEARS IN INT. D. OF HLTH LEG V.23(1972).

N AM
MEXICO
LR(A)

"JANUARY 14, 1972 RESOLUTION ESTABLISHING WITHIN THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT." DIARIO OFICIAL

SPANISH
GENERAL 01/29/72 PGS 2-3 EPA ID# 01644C

THIS RESOLUTION, BASED IN PART ON THE FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION, ESTABLISHES WITHIN THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT AND AUTHORIZES THE SECRETARIAT OF FINANCE AND CREDIT TO TAKE BUDGETARY COGNIZANCE OF THE SUBSECRETARIAT.

MEXICO
LR(A)

"FEBRUARY 26, 1973 PUBLIC HEALTH CODE." DIARIO OFICIAL

SPANISH
GENERAL AIR WATER 03/13/73 PGS 17-51 PESTICIDES RADIATION EPA ID# 01730A

PARTS III AND IX OF THIS PUBLIC HEALTH CODE DEAL WITH THE PHYSICAL ENVIRONMENT AND WITH THE USE OF PESTICIDES. THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE IS RESPONSIBLE FOR THE IMPROVEMENT, RESTORATION, AND CONSERVATION OF THE ENVIRONMENT AND FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL CONDITIONS THAT IMPAIR HUMAN HEALTH. THE FEDERAL EXECUTIVE SETS THE PERMISSIBLE LIMITS FOR THE DISCHARGE OF AIR POLLUTANTS. WHILE THE SECRETARIAT OF HEALTH ESTABLISHES GENERAL TECHNICAL STANDARDS AND PROMOTES DEVELOPMENT PLANS FOR THE CONTROL OR PREVENTION OF AIR POLLUTION FROM NATURAL OR ARTIFICIAL SOURCES. THE SECRETARIAT IS ALSO RESPONSIBLE FOR THE PREVENTION OF THE POLLUTION OF WATERS. WITHOUT PREJUDICE TO FEDERAL POLLUTION LAWS. THE CODE ALSO DELINEATES THE RESPONSIBILITIES OF THE SECRETARIAT OF HEALTH IN REGARD TO THE POLLUTION OF TERRITORIAL WATERS AND TO IONIZING RADIATIONS AND NECESSARY COORDINATION WITH OTHER GOVERNMENT BODIES. CHAPTER 10. PART IX DEALS WITH THE CONTROL OF PESTICIDES AND THE ROLE OF THE SECRETARIAT OF HEALTH.

MEXICO
LR(A)

"JUL 10, 1972 RESOLUTION ESTABLISHING A BASIS FOR THE MANUFACTURE OF EQUIPMENT AND ATTACHMENTS FOR PREVENTING AND CONTROLLING ENVIRONMENTAL POLLUTION" DIARIO OFICIAL DE MEXICO.

SPANISH
GENERAL 07/14/72 PGS 8-9 EPA ID# 01732A

THIS RESOLUTION BY THE SECRETARY OF INDUSTRY AND COMMERCE ESTABLISHES THE BASIS FOR THE MANUFACTURE OF EQUIPMENT AND ATTACHMENTS FOR PREVENTING AND CONTROLLING ENVIRONMENTAL POLLUTION. THE GENERAL DIRECTOR OF INDUSTRY IS RESPONSIBLE FOR ORIENTING THOSE PERSONS INTERESTED IN MANUFACTURING SUCH EQUIPMENT. THOSE INTERESTED MUST SUBMIT THEIR MANUFACTURING PROPOSALS TO THE GENERAL DIRECTOR FOR APPROVAL. THE REQUISITES FOR SUCH APPROVED ARE STATED IN THIS PROPOSAL. THE RESULT OF THIS RESOLUTION WILL BE TO ENCOURAGE THE MANUFACTURE OF ENVIRONMENTAL CONTROL DEVICES, THUS AVOIDING IMPORTATION. FURTHER ECONOMIC ADVANTAGES WILL BE TO CREATE EMPLOYMENT, TO TAKE ADVANTAGE OF REGIONAL RESOURCES, AND TO DEVELOP THE NATIONAL TECHNOLOGY AND POSSIBILITIES OF EXPORTATION.

N AM
MEXICO
LR(B)

"LEGAL ASPECTS OF ENVIRONMENTAL CONTROL IN MEXICO: AN ANALYSIS OF MEXICO'S NEW ENVIRONMENTAL LAW." POLLUTION AND INTERNATIONAL BOUNDARIES. U.S.-MEXICAN ENVIRONMENTAL PROBLEMS.
JUERGENSMEYER, JULIAN, AND EARLE BLIZZARD
SPANISH 00/00/73 PGS 101-120 EPA ID# 02664A
ALSO LRA, PMA AND SE
GENERAL

THIS ARTICLE, CITING SOME OF THE SOCIO-ECONOMIC AND GEOGRAPHICAL FACTORS OF ENVIRONMENTAL POLLUTION IN MEXICO, DISCUSSES THE LEGAL ASPECTS OF ENVIRONMENTAL CONTROL IN THAT COUNTRY. A 1971 CONSTITUTIONAL AMENDMENT EXPANDED THE POWERS OF THE NATIONAL HEALTH COUNCIL TO INCLUDE DEVELOPMENT OF A SYSTEM OF POLLUTION LEGISLATION, WHICH WOULD, HOWEVER, BE SUBJECT TO CONGRESSIONAL REVIEW. IN ADDITION, AT THE REQUEST OF PRESIDENT ECHEVERRIA, CONGRESS ENACTED THE FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL CONTAMINATION, THE ENGLISH TEXT OF WHICH IS APPENDED TO THE ARTICLE. AT PRESENT, THIS LAW (WHOSE FEATURES ARE DISCUSSED IN DEPTH IN THIS ARTICLE) IS THE MAJOR INSTRUMENT FOR ENVIRONMENTAL PROTECTION IN MEXICO. ALTHOUGH MEXICAN ENVIRONMENTAL LEGISLATION IS AMONG THE MOST COMPREHENSIVE IN THE WORLD, THE ARTICLE CONCLUDES THAT ECONOMIC AND ADMINISTRATIVE SHORTCOMINGS WILL PROBABLY HINDER THE EFFECTIVE ENFORCEMENT OF THIS LEGISLATION.

MEXICO
LR(A)

"JANUARY 2, 1976 REGULATION FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION BY NOISE EMISSIONS." DIARIO OFICIAL, NO. 1
SPANISH 01/02/76 PGS 55-62 EPA ID# 03464A
NOISE

IN ACCORDANCE WITH THE FEDERAL LAW ON THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION OF MEXICO, THIS REGULATION, ENTERING INTO FORCE ON MARCH 2, 1976 AND ADMINISTERED BY THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE IN COOPERATION WITH THE SECRETARIAT OF INDUSTRY AND COMMERCE, SETS FORTH THE LEGAL, ADMINISTRATIVE AND TECHNICAL PROVISIONS FOR THE CONTROL OF NOISE POLLUTION IN MEXICO. FEDERAL, STATE AND MUNICIPAL GOVERNMENTS ARE RESPONSIBLE FOR ENFORCING THIS REGULATION, AND IN ORDER TO FACILITATE INTRAGOVERNMENTAL COORDINATION, NOISE ADVISORY COMMISSIONS ARE TO BE CREATED IN EACH MUNICIPALITY OF THE COUNTRY. MAXIMUM NOISE LEVEL STANDARDS FOR MOBILE AND STATIONARY SOURCES ARE GIVEN AS WELL AS THE ATTENDANT PROVISIONS FOR THE ENFORCEMENT MECHANISMS, MEASURING AND SURVEILLANCE PROCEDURES, PLANNING CRITERIA, EXEMPTIONS, AND NOISE CONTROL ADJUSTMENT PERIODS. PENALTIES AND APPEAL PROCEDURES ARE INCLUDED, AS WELL AS PROVISIONS FOR PUBLIC EDUCATION AND PARTICIPATION IN CONTROLLING SOURCES OF NOISE POLLUTION.

N AM
MEXICO
LR(A)

"APR 29, 1968 ORDER . . . ESTABLISHING SANITARY RULES GOVERNING THE IMPORTATION . . . AND UTILIZATION . . . OF PESTICIDES." INT. DIG. OF HLTH. LEG., V. 21. WORLD HEALTH ORGANIZATION, COMP.

ENGLISH
PESTICIDES 00/00/70 PGS 126-131 EPA ID# 01646A

THIS ORDER GOVERNING THE IMPORTATION, MANUFACTURE, TRANSPORT, AND UTILIZATION OF AND TRADE IN PESTICIDES WAS ISSUED BY THE SECRETARY OF HEALTH AND WELFARE. IT REQUIRES, AMONG OTHER THINGS, THAT PERSONS OR CORPORATIONS ENGAGED IN THE ABOVE ACTIVITIES REGISTER WITH COMPETENT HEALTH AUTHORITIES. IT ALSO REQUIRES THAT FARMERS AND STOCK-BREEDERS SUBMIT A STATEMENT ON THE INTENDED USES OF PESTICIDES THAT THEY ACQUIRE. OTHER PROVISIONS DEAL WITH THE TRANSPORTATION, STORAGE, PACKAGING AND LABELING OF PESTICIDES AND THE MAINTENANCE OF REGISTERS INDICATING DISPOSITION BY PESTICIDE DISTRIBUTORS. THE ORDER ALSO LISTS THE NAMES OF PESTICIDES THAT ARE SUBJECT TO CONTROL AND SURVEILLANCE OF HEALTH AUTHORITIES AND TO THE PROVISIONS OF THIS ORDER. THE SPANISH-LANGUAGE ORIGINAL OF THIS ORDER APPEARS IN DIARIE OFICIAL, JUL 9, 1968, NO. 8, P. 6-9.

MEXICO
LR(A)

"JUL 14, 1972 OFFICIAL STANDARD FOR THE STORAGE AND TRANSPORT OF PESTICIDES." DIARIO OFICIAL.

SPANISH
PESTICIDES 07/28/72 PGS 3-5 EPA ID# 01647A

THIS STANDARD ISSUED BY THE DIRECTOR GENERAL OF STANDARDS OF THE SECRETARIAT FOR INDUSTRY AND COMMERCE ESTABLISHES CONDITIONS AND PRECUATIONS TO BE OBSERVED IN THE STORAGE AND TRANSPORT OF PESTICIDES AND IS APPLICABLE TO PESTICIDES IN AGRICULTURAL, CATTLE-RAISING, AND DOMESTIC USE.

MEXICO
LR(A)

"JUL 14, 1972 OFFICIAL STANDARD FOR THE TOXICOLOGICAL CLASSIFICATION OF PESTICIDES." DIARIO OFICIAL.

SPANISH
PESTICIDES 07/28/72 PGS 5-6 EPA ID# 01647B

THIS STANDARD ISSUED BY THE DIRECTOR GENERAL OF THE SECRETARIAT FOR INDUSTRY AND COMMERCE CLASSIFIES PESTICIDES ACCORDING TO THEIR TOXICITY. THE STANDARD DEFINES TOXICITY AND SETS MAXIMUM LEVELS OF PERMISSIBLE TOXICITY FOR MAN WITHIN FOUR CATEGORIES: HIGHLY TOXIC, VERY TOXIC, MODERATELY TOXIC, AND SLIGHTLY TOXIC.

N AM
MEXICO
LR(A)

"OFFICIAL STANDARD FOR THE LABELING OF PESTICIDES. DGN K-371-1972." DIARIO OFICIAL

SPANISH
PESTICIDES

07/03/72 PGS 8-9

EPA
ID# 01647C

THIS STANDARD FROM THE DIRECTOR GENERAL OF STANDARDS, SECRETARIAT FOR INDUSTRY AND COMMERCE LISTS THE INFORMATION THAT MUST APPEAR ON THE LABELS OF PESTICIDE CONTAINERS. THE INFORMATION INCLUDES, AMONG OTHER THINGS, THE COMMERCIAL NAME OF THE PRODUCT, THE TYPE OF PRODUCT (INSECTICIDE, HERBICIDE, ETC.), THE NAME AND WEIGHT BY PERCENTAGE OF THE PRINCIPAL ACTIVE INGREDIENT, THE FORM OF THE PESTICIDE (LIQUID, POWDER, ETC.), INSTRUCTIONS FOR STORAGE AND USE, PRODUCTION LOT, REGISTRY NUMBER ASSIGNED BY THE SECRETARIAT OF HEALTH AND PUBLIC ASSISTANCE AND IN THE CASE OF AGRICULTURAL PESTICIDES THE NUMBER ASSIGNED BY THE SECRETARIAT OF AGRICULTURE AND CATTLE RAISING, TOXICITY WARNINGS AND "DESTROY AFTER USING" INSTRUCTIONS.

MEXICO
LR(A)

"OFFICIAL STANDARD OF REQUIREMENTS FOR PESTICIDE CONTAINERS. DGN. K-373-1972." DIARIO OFICIAL

SPANISH
PESTICIDES

07/03/72 PGS 7-8

EPA
ID# 01647D

THIS STANDARD, ISSUED BY THE DIRECTOR GENERAL OF STANDARDS OF THE SECRETARIAT OF INDUSTRY AND COMMERCE, ESTABLISHES THE PHYSICAL CHARACTERISTICS THAT PESTICIDE CONTAINERS MUST HAVE IN ORDER TO REDUCE THE RISKS TO HANDLERS AND THE POPULATION AT LARGE ARISING FROM THE HANDLING, STORAGE, AND TRANSPORTATION OF PESTICIDES. THE STANDARD COVERS THE PACKAGING OF PESTICIDES IN BOTH THEIR LIQUID AND SOLID FORM.

MEXICO
LR(A)

"FEBRUARY 19, 1973 RESOLUTION ON THE IMPORTATION OF DISINFECTANTS, INSECTICIDES, ETC. . . ." DIARIO OFICIAL

SPANISH
PESTICIDES

02/26/73 PGS 7

EPA
ID# 01739A

THIS RESOLUTION ADDS TO THE LIST OF CONTROLLED PRODUCTS FOR WHICH AN IMPORT LICENSE FROM THE SECRETARIAT OF INDUSTRY AND COMMERCE IS REQUIRED THE FOLLOWING ITEMS: DISINFECTANTS, INSECTICIDES, HERBICIDES, RODENTICIDES, AND ACARICIDES. THIS PROVISION WILL TERMINATE IN TWO YEARS FROM THE TIME OF THE PUBLICATION OF THIS RESOLUTION IN THE OFFICIAL LEGAL GAZETTE UNLESS OTHERWISE DETERMINED BY THE SECRETARIAT.

N AM
MEXICO
LR(A)

"REGULATIONS FOR THE CONTROL AND USE OF HERBICIDES." SALUD PUBLICA DE MEXICO, V. 15, NO. 2

SPANISH
PESTICIDES 04/00/74 PGS 271-281 EPA ID# 02638A

THE MEXICAN REGULATIONS FOR THE CONTROL AND USE OF HERBICIDES, ISSUED IN PURSUANCE TO THE AGRICULTURAL SANITATION LAW OF 1940 AND SUPERSEDING PREVIOUS REGULATIONS ON THE SUBJECT, WERE PUBLISHED IN THE MEXICAN OFFICIAL GAZETTE ON DECEMBER 17, 1973 AND ENTERED INTO FORCE THE SAME DAY. THEY ARE HERE REPRINTED IN FULL IN THE OFFICIAL PUBLICATION OF THE MEXICAN DEPARTMENT OF HEALTH. IN ORDER TO GUARANTEE THE QUALITY OF HERBICIDES AND PREVENT ANY DAMAGE WHICH WOULD OCCUR FROM THEIR USE, THESE REGULATIONS CONTROL THE MANUFACTURE, IMPORT, PACKAGING, DISTRIBUTION, TRANSPORT, STORAGE, SALE, USE AND APPLICATION OF HERBICIDES IN MEXICO. THE SECRETARIAT OF AGRICULTURE AND LIVESTOCK AND ONE OF ITS SUBORDINATE AGENCIES, THE GENERAL DIRECTORATE OF PLANT SANITATION, ARE RESPONSIBLE FOR INTERPRETING AND ENFORCING THE PROVISIONS OF THESE REGULATIONS WITH THE EXCEPTION OF THOSE PROVISIONS PERTAINING TO HUMAN HEALTH, WHICH ARE ADMINISTERED BY THE SECRETARY OF HEALTH AND ASSISTANCE.

MEXICO
LR(A)

"DEC 30, 1971 ACT (TO ESTABLISH A NATIONAL INSTITUTE OF NUCLEAR ENERGY)."
NUCLEAR LAW BULLETIN, NO. 11.
OECD NUCLEAR ENERGY AGENCY, COMP.
ENGLISH
RADIATION 04/00/73 PGS 22-23 EPA ID# 01648A

THIS ACT SETS UP A NATIONAL INSTITUTE FOR NUCLEAR ENERGY IN THE FORM OF A FEDERAL AGENCY AND REPEALS THE DEC. 19, 1955 ACT THAT HAD ESTABLISHED A NATIONAL NUCLEAR ENERGY COMMISSION. AMONG THE RESPONSIBILITIES OF THE NEW INSTITUTE ARE: COORDINATION AND CENTRALIZATION OF NUCLEAR ACTIVITIES, PREPARATION OF REGULATIONS APPLICABLE TO NUCLEAR ACTIVITIES, AND COOPERATION WITH OTHER COMPETENT NATIONAL BODIES AND INTERNATIONAL ORGANIZATIONS. THE INSTITUTE HAS EXCLUSIVE RIGHT OVER THE IMPORTATION AND EXPORTATION OF RADIOACTIVE ORES AND NUCLEAR FUELS AND AUTHORITY FOR ISSUING LICENSES FOR THE PRODUCTION AND UTILIZATION OF RADIOACTIVE MATERIALS AND FOR THE CONSTRUCTION AND OPERATION OF NUCLEAR REACTORS. THE ACT MAKES RADIOACTIVE ORE DEPOSITS NATURAL RESOURCES, THE EXPLOITATION OF WHICH IS RESERVED TO THE STATE. THE INSTITUTE IS TO BE ADMINISTERED BY A BOARD OF DIRECTORS AND A GENERAL DIRECTOR APPOINTED BY THE PRESIDENT OF MEXICO. THE OFFICIAL TEXT OF THIS ACT APPEARS IN DIARIE OFICIAL, JAN. 12, 1972.

N AM
MEXICO
LR(A)

"APR 17, 1953 FEDERAL REGULATIONS FOR DRINKING-WATER SUPPLY WORKS." INT. DIG. OF HLTH. LEG., V. 6.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/55 PGS 264 EPA ID# 01649A
WATER

THESE REGULATIONS, APPLICABLE TO ALL WATERS INTENDED FOR PUBLIC OR DOMESTIC USE, WHETHER NATIONAL OR PRIVATE, DEAL WITH THE SURVEY, STUDY, PLANNING, CONSTRUCTION, AND OPERATION OF POTABLE WATER SUPPLY WORKS. THESE REGULATIONS SPECIFY THE PHYSICAL, CHEMICAL, AND BACTERIOLOGICAL PROPERTIES FOR DRINKING WATER. THE DEPARTMENT OF HEALTH AND PUBLIC ASSISTANCE SHALL REQUIRE WATER SUPPLY WORKS ALREADY IN EXISTENCE TO GUARANTEE THE POTABILITY OF WATER DISTRIBUTED. THAT DEPARTMENT AND THE DEPARTMENT OF HYDRAULIC RESOURCES ARE JOINTLY RESPONSIBLE FOR SETTING REQUIREMENTS TO BE MET BY PROPOSED POTABLE-WATER WORKS. FURTHER, THE REGULATIONS REQUIRE THAT ALL SOURCES OF POTABLE WATER SUPPLY HAVE A WELL DEFINED PROTECTION ZONE, WITHIN WHICH CERTAIN POLLUTING ESTABLISHMENTS ARE BANNED. PERSONS OR CORPORATE BODIES WHO CONTAMINATE SOURCES OF WATER SUPPLY OR THEIR DISTRIBUTION NETWORKS OR WHO ALTER OR INTERFERE WITH THE CHEMICAL COMPOSITION OF SUCH WATERS ARE SUBJECT TO PUNISHMENT.

MEXICO
LR(A)

"MAR 28, 1973 REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION."
DIARIO OFICIAL.

SPANISH 03/29/73 PGS 5-13 EPA ID# 01650A
WATER

THESE REGULATIONS, ISSUED IN PURSUANCE OF THE MARCH 11, 1973 FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION, DEAL WITH THE PREVENTION AND CONTROL OF WATER POLLUTION. THE ENFORCEMENT OF THE REGULATIONS IS ASSIGNED TO THE FEDERAL EXECUTIVE THROUGH THE MINISTRY OF HEALTH AND WELFARE IN COORDINATION WITH THE MINISTRY OF HYDRAULIC RESOURCES. CHAPTER II OF THESE REGULATIONS CITES PROCEDURES TO BE CARRIED OUT TO PRESERVE AND RESTORE THE QUALITY OF WATER RECEIVING BODIES. CHAPTER III DEALS WITH ORIENTATION AND EDUCATIONAL MEASURES; CHAPTER IV, WITH MONITORING AND INSPECTION; CHAPTER V, WITH PENALTIES; CHAPTER VI, WITH PROCEDURES FOR THE ENFORCEMENT OF PENALTIES; AND THE REMAINING CHAPTERS, WITH ADMINISTRATIVE RECOURSE IN CASES OF NON-CONFORMITY, DENOUNCEMENTS BY THIRD PARTIES, AND DEFINITIONS. INCLUDED ARE TABLES ON DISCHARGE CONSTITUENTS, WATER BODY CLASSIFICATIONS, AND MAXIMUM PERMISSIBLE VALUES OF TOXIC SUBSTANCES.

N AM
MEXICO
LR(B)

"POLLUTION IS VERY EXTENSIVE IN THE PANUCO RIVER BASIN." EXCELSIOR
EPA
SPANISH 05/04/74 PGS ID# 01650B
WATER

THIS NEWSPAPER ARTICLE STATES THAT THE PANUCO RIVER BASIN, THE FOURTH LARGEST IN MEXICO, IS EXPERIENCING A HIGH DEGREE OF INDUSTRIAL AND AGRICULTURAL POLLUTION. CONTRIBUTING TO THE POLLUTION OF THE RIVER ARE SUGAR MILLS, AN OIL REFINERY, A DISTILLERY, A MEAT-PACKING HOUSE, AND VARIOUS MUNICIPAL DISCHARGES LOCATED IN THE STATES OF SAN LUIS POTOSI, TAMAULIPAS, AND VERACRUZ. IN TAMPICO (TAMAULIPAS) THE DIRECTOR OF WATER USE AND POLLUTION CONTROL OF THE MEXICAN DEPARTMENT OF WATER RESOURCES HAS CONFERRED WITH REPRESENTATIVES OF THE PRINCIPAL INDUSTRIES IN THE LOWER PANUCO BASIN TO DEMAND COMPLIANCE WITH THE REGULATION FOR THE PREVENTION AND CONTROL OF WATER POLLUTION.

MEXICO
LR(B)

"MEASURES AGAINST WATER POLLUTION BY INDUSTRIAL WASTES." EL NACIONAL
EPA
SPANISH 05/16/75 PGS 4 ID# 01650D
ALSO PMB
WATER

PURSUANT TO THE MEXICAN REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION, THIS ARTICLE REPORTS ON THE JUNE 1975 DEADLINE BY WHICH MEXICAN INDUSTRIALISTS AND OTHER POLLUTERS MUST PRESENT TO THE SECRETARIAT FOR WATER RESOURCES A PRELIMINARY ENGINEERING REPORT DESCRIBING THEIR PROGRESS IN INSTALLING ANTI-POLLUTION SYSTEMS. THE REPORTING REPRESENTS THE SECOND STAGE OF THE NATIONAL PLAN TO CONTROL WATER POLLUTION FROM SOURCES WHOSE DISCHARGES HAVE NOT MET THE ACCEPTABLE POLLUTION STANDARDS PRESCRIBED IN ARTICLE 13 OF THE REGULATIONS. THE FIRST STAGE OF THE PLAN, CONSISTING OF REGISTERING INDUSTRIAL WASTE DISCHARGE SOURCES IN THE COUNTRY, WAS COMPLETED IN AUGUST 1974. EACH SECOND STAGE REPORT MUST CONTAIN THE FOLLOWING INFORMATION: NECESSARY ANTI-POLLUTION MEASURES TO BE PUT INTO EFFECT; ANTI-POLLUTION EQUIPMENT TO BE USED; METHODS OF MEASURING AND SAMPLING POLLUTION; AND THE ESTIMATED DATE BY WHICH POLLUTION CONTENT OF WASTE DISCHARGES WILL CONFORM TO ACCEPTABLE STANDARDS.

MEXICO
LR(A)

INSTRUCTIVO IR-2 PARA LLENAR LA SOLICITUD DE REGISTRO DE DESCARGA DE AGUA RESIDUAL (INSTRUCTION IR-2 FOR COMPLETING THE REGISTRATION FORM FOR WASTEWATER DISCHARGES)
MEXICO. SECRETARIAT OF WATER RESOURCES
EPA
SPANISH 11/14/73 PGS 1-32 ID# 01650E
ALSO PMB
WATER

THIS BOOKLET PROVICES DETAILED INSTRUCTIONS FOR FILLING OUT THE REGISTRATION FORM WHICH MUST BE COMPLETED BY ALL PERSONS RESPONSIBLE FOR WASTEWATER DISCHARGES, OTHER THAN PURELY DOMESTIC ONES, AND SUBMITTED TO THE MEXICAN SECRETARIAT FOR WATER RESOURCES, IN ACCORDANCE WITH ARTICLE SEVEN OF THE REGULATION FOR THE PREVENTION AND CONTROL OF WATER POLLUTION AND AS PART OF THE NATIONAL WATER POLLUTION CONTROL PROGRAM. GENERAL INSTRUCTIONS IN THE BOOKLET DEFINE THE TERM "WASTEWATER DISCHARGE," SPECIFY WHO MUST COMPLETE A REGISTRATION FORM, DESCRIBE THE MANNER AND PLACE OF REGISTRATION, GIVE DEADLINE PERIODS FOR SUBMISSION OF REGISTRATIONS, AND MODIFY REGISTRATIONS OF DISCHARGE SOURCES ALREADY ON RECORD. SPECIFIC INFORMATION TO BE PROVIDED ON THE FORM INCLUDES DESCRIPTIVE INFORMATION ON THE ENTERPRISE IN QUESTION, CHARACTERISTICS OF ORIGINAL WATER USED BY THE ENTERPRISE AND CHARACTERISTICS OF EFFLUENTS DISCHARGED FROM THE ENTERPRISE. A LIST OF REGISTRATION OFFICES IN THE COUNTRY IS GIVEN.

N AM
MEXICO
LR(B)

GUIA PARA LA ELABORACION DEL INFORME PRELIMINAR DE INGENIERIA (GUIDE FOR THE PREPARATION OF THE PRELIMINARY ENGINEERING REPORT)
MEXICO. SECRETARIAT OF WATER RESOURCES
SPANISH PGS 1-22 EPA ID# 01650F
ALSO PHB
WATER

THIS BOOKLET, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, SETS FORTH GUIDELINES FOR THE PREPARATION OF PRELIMINARY ENGINEERING REPORTS ON WATER POLLUTION CONTROL WHICH, IN ACCORDANCE WITH ARTICLE 16 OF THE REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION, MUST BE SUBMITTED BY MARCH 30, 1975 TO THE SECRETARIAT BY ALL PUBLIC AND PRIVATE ESTABLISHMENTS WHOSE WASTEWATER DISCHARGES DO NOT MEET POLLUTION STANDARDS CONTAINED IN THE REGULATION. THE REPORTS MUST CONTAIN DETAILED INFORMATION ON INTERNAL AND EXTERNAL POLLUTION CONTROL OPERATIONS, ACQUISITION OF ANTIPOLLUTION EQUIPMENT, STATUS OF CONSTRUCTION OF POLLUTION CONTROL SYSTEMS, AND THE ESTIMATED DATE WHEN WASTEWATER DISCHARGES WILL CONFORM TO ACCEPTABLE STANDARDS. THESE PRELIMINARY REPORTS, TOGETHER WITH THE PREVIOUS REGISTRATION OF WASTEWATER DISCHARGE SOURCES IN THE COUNTRY, COMPRISE THE FIRST STAGE IN THE NATIONAL PROGRAM TO CONTROL WATER POLLUTION.

MEXICO
LR(A)

"AGREEMENT FOR THE PREVENTION OF MARINE POLLUTION." SALUD PUBLICA DE MEXICO, VOL. 16, NO. 4

SPANISH 08/00/74 PGS 667 EPA ID# 02819A
WATER

THIS ARTICLE REPRINTS THE DECREE BY WHICH THE MEXICAN GOVERNMENT RECOGNIZES ITS ADHERENCE TO THE "INTERNATIONAL AGREEMENT ON THE PREVENTION OF MARINE POLLUTION BY WASTE DISCHARGES AND OTHER SUBSTANCES OF 1972." THE DECREE WAS SIGNED BY PRESIDENT LUIS ECHEVERRIA ON DECEMBER 13, 1973 AND WAS FIRST PUBLISHED IN THE MEXICAN OFFICIAL GAZETTE (DIARIO OFICIAL) ON MAY 27, 1974.

MEXICO
LR(B)

"THE SECRETARIAT OF WATER RESOURCES IN THE PREVENTION AND CONTROL OF WATER POLLUTION (LEGAL ASPECTS)." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 6
DARDON BRAVO, EMILIO
SPANISH 11/00/73 PGS 1-24 EPA ID# 02918A
ALSO PHA AND PHB
WATER

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES, CITING ENVIRONMENTAL DEGRADATION AND HUMAN HEALTH PROBLEMS CAUSED BY LACK OF OR UNWISE ECONOMIC GROWTH POLICIES, DISCUSSES CURRENT GOVERNMENT POLICY IN MEXICO OF HARMONIZING INDUSTRIALIZATION WITH ADEQUATE ENVIRONMENTAL PROTECTION MEASURES AND ELABORATES ON THE ADMINISTRATIVE ORGANIZATION SET FORTH IN MEXICAN LEGISLATION INTENDED TO RESOLVE WATER POLLUTION PROBLEMS. ACCORDING TO VARIOUS ADMINISTRATIVE AND ENVIRONMENTAL LAWS THE SECRETARIAT OF WATER RESOURCES HAS BEEN ASSIGNED GENERAL RESPONSIBILITY FOR WATER USE ADMINISTRATION AND FOR THE PROTECTION AND USE OF WATER RESOURCES. ALTHOUGH THE SECRETARIATS OF HEALTH AND WELFARE, AGRICULTURE, AND INDUSTRY AND COMMERCE ALSO HAVE SPECIFIC RESPONSIBILITIES PERTAINING TO WATER ADMINISTRATION MATTERS UNDER THEIR RESPECTIVE JURISDICTIONS. AN IN-DEPTH EXPLANATION AND ANALYSIS OF THE REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION IS GIVEN ILLUSTRATING THE ABOVE MENTIONED POINTS.

N AM
MEXICO
LR(B)

"CONTROL OF WATER QUALITY FOR DIFFERENT USES." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION. VOL. I. NO. 3
URROZ JIMENEZ, ELOY
SPANISH 05/00/73 PGS 1-28 EPA ID# 02920A
ALSO ST
WATER

THIS PUBLICATION DISCUSSES EXISTING AND RECOMMENDED WATER QUALITY STANDARDS FOR DOMESTIC, INDUSTRIAL AND PISCICULTURAL USES IN MEXICO. MEXICAN STANDARDS FOR THE PHYSICAL, CHEMICAL AND BACTERIOLOGICAL CHARACTERISTICS OF POTABLE WATER AS WELL AS STANDARDS FOR CHEMICALLY ENHANCING POTABLE WATER ARE LISTED IN TABLE 1. MEXICAN POTABLE WATER QUALITY STANDARDS ARE CONGRUENT WITH WHO STANDARDS. WHO AND U.S. STANDARDS ARE COMPARATIVELY LISTED IN TABLE 2. TABLES 3 AND 4 GIVE RECOMMENDED STANDARDS FOR SOURCE WATER CAPABLE OF MEETING POTABLE WATER STANDARDS AFTER CONVENTIONAL TREATMENT. TABLES 5, 6, AND 7 SUMMARIZE QUALITY OF WATER NEEDED FOR VARIOUS INDUSTRIAL PROCESSES AS RELATED TO ACTUAL QUALITY OF SOURCE WATER. A GENERAL DISCUSSION OF WATER QUALITY FOR FISHING WATERS INVOLVING OXYGEN CONTENT AND PESTICIDE LEVELS IS ALSO GIVEN IN THE PUBLICATION.

MEXICO
LR(A)

LEGISLACION RELATIVA AL AGUA Y SU CONTAMINACION (LEGISLATION RELATIVE TO WATER AND ITS POLLUTION)
MEXICO. SECRETARIAT FOR WATER RESOURCES
SPANISH PGS 1-154 EPA ID# 02936A
ALSO PHA
WATER

THIS BOOK, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, REPRINTS IN FULL THE TEXTS OF THE FOLLOWING WATER AND WATER POLLUTION LAWS OF MEXICO: THE MARCH 28, 1973 REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION; THE MARCH 23, 1971 FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION; AND THE DECEMBER 30, 1971 FEDERAL WATER LAW. IN ADDITION TO THE REPRINTED TEXTS, CHAPTER TWO OF THE BOOK PROVIDES AN EXPLANATION OF THE REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION, WHICH DELINEATES THE COMPREHENSIVE NATIONAL PROGRAM OF THE SECRETARIAT OF WATER RESOURCES AND THE SECRETARIAT OF HEALTH AND WELFARE TO CONTROL AND ABATE WATER POLLUTION. TABLES ANNEXED TO THE POLLUTION LAWS CONTAIN THE NATIONAL STANDARDS FOR EFFLUENTS AND FOR AMBIENT WATER QUALITY. THE FEDERAL WATER LAW CONTAINS GENERAL PROVISIONS CONCERNING THE ADMINISTRATION, EXPLOITATION, USE, DISTRIBUTION, CONSERVATION, OWNERSHIP AND OTHER LEGAL ATTRIBUTES OF MEXICAN WATER RESOURCES.

N AM
MEXICO
LR(A)

NORMAS OFICIALES DE MUESTREO Y ANALISIS DE LABORATORIO PARA AGUAS RESIDUALES
(OFFICIAL STANDARDS FOR LABORATORY SAMPLING AND ANALYSIS OF WASTEWATERS)
MEXICO. SECRETARIAT FOR WATER RESOURCES EPA
SPANISH 00/00/73 PGS 1-31 ID# 02940A
ALSO ST
WATER

THIS BOOKLET, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, REPRINTS THE FOLLOWING OFFICIAL MEXICAN STANDARDS FOR SAMPLING AND DETERMINING THE POLLUTANT CONTENT OF EFFLUENT WASTEWATER: DETERMINATION OF PETROLEUM RESIDUES IN WASTEWATER; DETERMINATION OF PH VALUE OF WASTEWATER; DETERMINATION OF SEDIMENTARY SOLIDS IN WASTEWATER; SAMPLING METHOD FOR WASTEWATER; DETERMINATION OF FLOATING MATERIAL IN WASTEWATER; AND DETERMINATION OF THE TEMPERATURE OF WASTEWATER. THESE STANDARDS, IN ACCORDANCE WITH THE PROVISIONS OF THE 1961 GENERAL WEIGHTS, MEASURES AND STANDARDS LAW, WERE FIRST PROMULGATED IN THE OFFICIAL GAZETTE BY THE SECRETARIAT OF INDUSTRY AND COMMERCE IN THE LATTER PART OF 1973. EACH OF THESE STANDARDS CONTAINS DEFINITIONS OF TERMS, SPECIFIES PROCEDURES FOR SAMPLINGS AND ANALYSIS, LISTS THE NECESSARY TESTING EQUIPMENT AND GIVES A RELEVANT BIBLIOGRAPHY.

MEXICO
PM(A)

"SECRETARIAT OF HEALTH AND WELFARE." MANUAL DE ORGANIZACION DEL GOBIERNO FEDERAL
MEXICO. SECRETARIA DE LA PRESIDENCIA EPA
SPANISH 00/00/73 PGS 357-366 ID# 02677A
ALSO LRB
GENERAL

THIS CHAPTER OF THE MEXICAN GOVERNMENT ORGANIZATION MANUAL DESCRIBES THE STRUCTURE AND OTHER ATTRIBUTES OF THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE (SECRETARIA DE SALUBRIDAD Y ASISTENCIA), INCLUDING THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT (SUBSECRETARIA DE MEJORAMIENTO DEL AMBIENTE). A BRIEF HISTORY OF THE SECRETARIAT IS GIVEN, THE DEPARTMENTAL DIRECTORS ARE NAMED, LEGISLATION PERTAINING TO OR ADMINISTERED BY THE SECRETARIAT IS LISTED, AND THE DUTIES AND RESPONSIBILITIES OF EACH DEPARTMENTAL SUBUNIT ARE OUTLINED IN AN ANNOTATED ORGANIZATIONAL BREAKDOWN OF THE SECRETARIAT. IN ADDITION, AN ORGANIZATIONAL CHART IS APPENDED TO THE CHAPTER.

N AM
MEXICO
PM(B)

"WASTEWATER WILL BE UTILIZED IN INDUSTRIES IN THE STATE OF MEXICO."
EL NACIONAL

SPANISH
ALSO SE
WATER

04/18/75 PGS 9 EPA ID# 02789A

THIS SHORT NEWSPAPER ARTICLE REPORTS THAT BECAUSE POLLUTION HAS LED TO A SCARCITY OF POTABLE WATER IN THE GREATER MEXICO CITY AREA, THE INDUSTRIALISTS OF THIS REGION HAVE INFORMED THE SECRETARY OF WATER RESOURCES OF THEIR AGREEMENT TO USE AND REUSE WASTEWATERS FOR THEIR INDUSTRIAL PROCESSES, THEREBY LIBERATING MORE WATER FOR HUMAN CONSUMPTION AND USE.

MEXICO
PM(B)

"NATIONAL PROGRAM AGAINST WATER POLLUTION." SECRETARIAT OF WATER RESOURCES, VOL. 1, NO. 1
URROZ, JIMENEZ, ELOY
SPANISH
ALSO SE AND LRB
WATER

01/00/73 PGS 1-11 EPA ID# 02919A

THIS PUBLICATION OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES STATES THAT WATER RESOURCES MUST BE CONSIDERED LIMITED ECONOMIC RESOURCES. STATISTICS ON ENVIRONMENTALLY RELATED ECONOMIC PROBLEMS IN VARIOUS REGIONS OF MEXICO ARE CITED, AND IT IS RECOGNIZED THAT CONTINUING ECONOMIC DEVELOPMENT WILL PUT ADDITIONAL STRAIN ON THE VOLUME AND QUALITY OF THE COUNTRY'S WATER RESOURCES. THE SECRETARIAT FOR WATER RESOURCES HAS ESTABLISHED A NATIONAL PROGRAM UNIFYING AND COORDINATING THE LEGAL, ORGANIZATIONAL, PLANNING, EDUCATIONAL AND ECONOMIC FACTORS NECESSARY FOR THE CONTROL OF WATER POLLUTION. THE FIRST STAGE OF THE PROGRAM REQUIRES REGISTRATION OF WASTEWATER DISCHARGE SOURCES. A SECOND STAGE WILL REQUIRE THE INSTALLATION OF POLLUTION CONTROL SYSTEMS IN WASTEWATER DISCHARGE SOURCES, AND A THIRD STAGE WILL SET STANDARDS FOR THE QUALITY OF WASTEWATER DISCHARGES FROM INDIVIDUAL SOURCES. ADDITIONAL PLANS OF THE SECRETARIAT INCLUDE POLLUTION STUDIES, ENVIRONMENTAL TRAINING, AN ANTIPOLLUTION INDUSTRY, AND REGIONAL POLLUTION CONTROL COOPERATIVES.

MEXICO
PM(B)

"CONTROL OF WATER POLLUTION." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 3
URROZ JIMENEZ, ELOY
SPANISH
ALSO SE
WATER

03/00/73 PGS 1-20 EPA ID# 02921A

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES PROVIDES A REVIEW OF THE PROBLEMS, IMPLICATIONS AND CONSEQUENCES OF WATER POLLUTION AND GIVES SOME OF THE BASIC CRITERIA WHICH MUST BE CONSIDERED IN DEVELOPING POLLUTION CONTROL PROGRAMS ON THE NATIONAL LEVEL. BASIC APPROACHES TO WATER QUALITY CLASSIFICATION AND PROTECTION EMPLOYED BY THE UNITED KINGDOM, FRANCE, SWITZERLAND, BELGIUM, THE SOVIET UNION, CZECHOSLOVAKIA, PERU, NEW ZEALAND, DENMARK, FINLAND AND WHO ARE SUMMARIZED, AND THE FUNDAMENTAL ECONOMIC AND SOCIAL CRITERIA WHICH INFLUENCE ANY NATIONAL APPROACH TO POLLUTION CONTROL ARE LISTED. THE PUBLICATION IDENTIFIES THREE BASIC SYSTEMS OF WATER POLLUTION ADMINISTRATION, AND AFTER A CONSIDERATION OF MEXICAN SOCIAL AND ECONOMIC CHARACTERISTICS, RECOMMENDATIONS FOR THE MOST ADEQUATE NATIONAL WATER POLLUTION CONTROL PROGRAM FOR MEXICO ARE OUTLINED.

N AM
MEXICO
PM(B)

"RESEARCH AND TRAINING IN POLLUTION CONTROL." SECRETARIAT OF WATER RESOURCES
TECHNICAL PUBLICATION, VOL. 2, NO. 2
AGUIRRE MARTINEZ, JORGE
SPANISH EPA
03/00/74 PGS 1-13 ID# 02926A
ALSO SE
WATER

THIS REPORT, PREPARED BY THE DIRECTOR OF THE RESEARCH AND TRAINING CENTER FOR WATER QUALITY CONTROL (CIECCA), AN AGENCY OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES, DISCUSSES THE WORK BEING REALIZED BY THE CENTER TO DETERMINE WATER QUALITY AND POLLUTION LEVELS IN DIFFERENT WATER BODIES OF THE COUNTRY AND TO FIND THE MOST ADEQUATE ECONOMIC AND TECHNICAL SOLUTIONS FOR THE TREATMENT AND REUSE OF WASTEWATER. WATER QUALITY AND POLLUTION STUDIES HAVE BEEN CONCLUDED FOR THE IMPORTANT MEXICAN RIVERS, AND SIMILAR STUDIES OF LAKE CHAPALA, ALVARDO LAGOON AND ACAPULCO BAY ARE BEING COMPLETED. LABORATORY MODELS AND COST ESTIMATES HAVE BEEN MADE FOR THE VARIOUS METHODS OF WASTEWATER TREATMENT, AND TESTS TO ASCERTAIN THE FEASIBILITY OF USING WASTEWATER FOR IRRIGATION PURPOSES ARE BEING CARRIED OUT. REGIONAL WATER QUALITY LABORATORIES ARE BEING SET UP TO SERVE AS A NATIONAL WATER QUALITY CONTROL NETWORK. THE REPORT ALSO PROVIDES STATISTICS REGARDING WATER QUALITY TRAINING IMPARTED TO REPRESENTATIVES OF GOVERNMENT AND INDUSTRY.

MEXICO
PM(B)

"ECOLOGICAL REPERCUSSIONS OF WATER POLLUTION." SECRETARIAT FOR WATER RESOURCES
TECHNICAL PUBLICATION, VOL. 1, NO. 4
URROZ JIMENEZ, ELOY
SPANISH EPA
07/00/73 PGS 1-11 ID# 02932A
ALSO SE
WATER

THIS PUBLICATION OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES REGARDS WATER POLLUTION AS AN IMPORTANT CONSIDERATION IN WATER USE PLANNING. ADEQUATE PLANNING SHOULD PROVIDE FOR THE OPTIMUM HUMAN USE OF WATER RESOURCES AS WELL AS FOR THE PRESERVATION OF ECOLOGICAL BALANCES. IN ORDER TO ENSURE THE COMPATIBILITY OF ECONOMIC AND ENVIRONMENTAL CONCERNS, THREE PRINCIPLES OF POLLUTION CONTROL ARE SEEN AS NECESSARY CONSIDERATIONS IN DEVELOPMENTAL ACTIVITIES: PREVENTION OF ACCIDENTAL POLLUTION; THE REALIZATION THAT TRADITIONAL ECONOMIC BENEFITS USUALLY ARE IN DIRECT PROPORTION TO THE DEGREE OF ENVIRONMENTAL DETERIORATION; AND THE REALIZATION THAT AN EQUITABLE BALANCE BETWEEN ENVIRONMENTAL PROTECTION AND ECONOMIC GROWTH MUST BE MAINTAINED BY LAWS, CONTROLLED THROUGH SCIENTIFICALLY ESTABLISHED MEASURES, AND SUPPORTED BY AN ENLIGHTENED PUBLIC. THE PUBLICATION SUMMARIZES VARIOUS WATER POLLUTION STUDIES AND OTHER ACTIVITIES OF THE SECRETARIAT OF WATER RESOURCES DIRECTED TOWARD PLANNING FOR THE BEST USE AND PROTECTION OF MEXICO'S WATER RESOURCES.

N AM
MEXICO
PM(B)

NUTRIENTES EN EL AGUA (NUTRIENTS IN WATER)
URROZ JIMENEZ, ELOY AND OTHERS
SPANISH
ALSO ST
WATER
PGS 1-12
EPA
ID# 02958A

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES DISCUSSES ECOLOGICAL PROBLEMS ARISING FROM THE PRESENCE OF EXCESSIVE NUTRIENTS SUCH AS NITROGEN AND PHOSPHORUS IN WATERWAYS. VARIOUS TYPES OF DOMESTIC AND INDUSTRIAL WASTEWATER DISCHARGES AS WELL AS WASHING OF FERTILIZERS FROM CULTIVATED LANDS ARE THE MAJOR SOURCES OF THESE NUTRIENTS WHICH CONTRIBUTE TO EXCESSIVE GROWTH OF ALGAE AND AQUATIC PLANTS AND LEAD TO EUTROPHICATION OF STREAMS AND LAKES. VARIOUS PHYSICAL AND CHEMICAL TREATMENT PROCESSES ARE DESCRIBED, AND IT IS CONCLUDED THAT THE METHODS OF BIOLOGICAL DENITRIFICATION AND CHEMICAL PRECIPITATION ARE THE MOST ADEQUATE FOR REMOVING NITROGEN AND PHOSPHORUS RESPECTIVELY FROM WASTEWATER. THE PUBLICATION ALSO CITES THE NECESSITY FOR RESEARCH INTO ALTERNATIVE OR BETTER CONTROLLED METHODS OF CROP CULTIVATION TO PREVENT FERTILIZERS FROM WASHING INTO STREAMS AND LAKES.

MEXICO
SE( )

"LET US UNDERTAKE THE WORLDWIDE FIGHT AGAINST ECOCIDE." SALUD PUBLICA DE MEXICO, V. 14, NO. 4
MURRAY, FRANCISCO V.
SPANISH
ALSO PMA
GENERAL
08/02/72 PGS 569-571
EPA
ID# 01219A

THIS JOURNAL ARTICLE PRESENTS THE TEXT OF THE ADDRESS OF THE UNDER SECRETARY FOR THE IMPROVEMENT OF THE ENVIRONMENT OF THE MEXICAN SECRETARIAT FOR HEALTH AND WELFARE GIVEN IN STOCKHOLM DURING THE UNITED NATIONS CONFERENCE ON THE HUMAN ENVIRONMENT. THE ADDRESS RECOUNTS THE POSITION OF MEXICO IN THE WORLDWIDE CAMPAIGN AGAINST ECOCIDE AND IN THE CONTROVERSY BETWEEN THE ENVIRONMENT AND INDUSTRIALIZATION. THE UNDER SECRETARY CITES MEXICO'S ADHERENCE TO THE PROVISIONS OF THE TREATY OF TLATELOLCO, SETTING UP A NUCLEAR-FREE LATIN AMERICA. HE ALSO STATES THAT WHILE MEXICO WILL NOT DEVIATE FROM THE PRIORITY THAT IT HAS ASSIGNED TO INDUSTRIAL DEVELOPMENT, IT IS TAKING STEPS TO AVOID THE NEGATIVE EFFECTS OF INDUSTRIALIZATION THROUGH VIGILANCE AND FORESIGHT. THE UNDER SECRETARY ALSO SAID MEXICO WOULD BE HONORED TO HOST THE NEXT U.N. CONFERENCE ON THE HUMAN ENVIRONMENT.

N AM
MEXICO
SE( )

ROUNDTABLES ON DETERIORATION OF THE ENVIRONMENT
MEXICAN INSTITUTE OF NATURAL RESOURCES LOC MC 140 .P55 M46
SPANISH 09/10/71 PGS 1-258 ID# 02088A
ALSO LRB
GENERAL

THIS BOOK CONTAINS THE PROCEEDINGS OF A SERIES OF ROUNDTABLE DISCUSSIONS SPONSORED BY THE MEXICAN INSTITUTE OF NATURAL RESOURCES FOR CONTRIBUTION TO THE 1972 STOCKHOLM CONFERENCE ON THE HUMAN ENVIRONMENT. IT ANALYZES AND DISCUSSES, IN DEPTH, THE ENVIRONMENTAL ATTITUDES AND TENDENCIES EXISTING IN MEXICO WITH REGARD TO SOCIO-ECONOMIC, SANITARY, INDUSTRIAL AND EDUCATIONAL ACTIVITIES. ALTHOUGH THE ENVIRONMENTAL ATTRIBUTES OF THESE ACTIVITIES IN OTHER COUNTRIES IS MENTIONED, THE PRINCIPAL FOCUS OF THE DISCUSSIONS IS CENTERED ON THE ENVIRONMENTAL PROBLEMS OF MEXICO. THE LAST SESSION OF THE DISCUSSIONS OUTLINES THE PRESENT INTERNATIONAL STATUS OF ENVIRONMENTAL DETERIORATION AND CITES MEASURES CURRENTLY IN USE AND ENVISAGED FOR THE FUTURE TO PROTECT THE ENVIRONMENT.

MEXICO
SE( )

"DUMP WORKERS FAVOR INDUSTRIALIZATION OF REFUSE." EXCELSIOR
EPA
SPANISH 08/08/74 PGS 4A ID# 021778
ALSO PHB
SOLID WASTE

ACCORDING TO THIS NEWSPAPER ARTICLE, THE 4,000 MEN, WOMEN AND CHILDREN WHO LIVE AROUND AND MAKE A LIVING FROM MEXICO CITY'S LARGEST DUMP ARE IN FAVOR OF THE REFUSE RECLAMATION PLANTS ENVISAGED FOR THE CITY. THESE PLANTS, WHICH INTEND TO INDUSTRIALIZE SOME OF THE 5,100 TONS OF REFUSE COLLECTED DAILY IN THE CITY, WILL REPRESENT STEADY EMPLOYMENT FOR THE DUMP WORKERS. ALSO BY WORKING IN COOPERATION WITH THE RECLAMATION PLANTS, DUMP WORKERS WILL BE ELIGIBLE FOR THE SAME BENEFITS AVAILABLE TO PLANT EMPLOYEES. PUBLIC HEALTH IN THIS AREA OF THE CITY HAS ALREADY BEEN IMPROVED BY PROJECTS TO CONVERT DUMPS AND SANITARY LANDFILLS INTO PARKS AND ARTIFICIAL FORESTS. PROJECTS FOR THE INDUSTRIALIZATION OF REFUSE WILL PROVIDE ADDITIONAL OPPORTUNITIES FOR THE DUMP WORKERS TO RAISE THEIR STANDARD OF LIVING AND SOCIAL STATUS.

MEXICO
SE( )

"CONTROL OF WATER POLLUTION IN THE CHEMICAL INDUSTRY." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL 1, NO. 5
URROZ JIMENEZ, ELOY
EPA
SPANISH 09/00/73 PGS 1-28 ID# 02911A
ALSO ST
WATER

THIS REPORT, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, DESCRIBES THE ECONOMIC ASPECTS OF EFFICIENT WATER POLLUTION CONTROL IN CHEMICAL PLANTS AND DISCUSSES CRITERIA FOR SELECTING THE BEST METHODS OF WASTEWATER TREATMENT. CONCEPTS OF POLLUTION COSTS ARE GIVEN, INCLUDING THE REGIONAL SYSTEM FOR WATER QUALITY CONTROL, WHICH PERMITS INDUSTRIALISTS TO POOL THEIR RESOURCES IN COOPERATIVE WASTE TREATMENT SYSTEMS. GENERAL DESCRIPTIONS AND ILLUSTRATIONS OF PRIMARY, SECONDARY AND ADVANCED TREATMENTS OF WASTEWATER ARE GIVEN. THE REPORT CONCLUDES THAT APPROPRIATE TREATMENT PROCESSES CAN ONLY BE CHOSEN AFTER CAREFUL CONSIDERATION OF THE ECONOMIC AND TECHNICAL FACTORS INVOLVED IN OBTAINING ADEQUATE PURIFICATION OF WASTEWATER FROM ANY PARTICULAR FACTORY.

N AM
TRINIDAD AND TOBAGO
LR(A)

"AUG 19, 1965 WATER AND SEWERAGE ACT." INT. DIG. OF HLTH. LEGIS., V. 2L.
WORLD HEALTH ORGANIZATION, COMP.
EPA
ENGLISH 00/00/70 PGS 204-05 ID# 01711A
WATER

THIS ACT ESTABLISHES THE WATER AND SEWERAGE AUTHORITY, WHICH IS EMPOWERED, INTER ALIA, TO MAKE BYLAWS FOR PREVENTING THE CONTAMINATION OF WATER SUPPLIED BY IT OR BY WATER PURVEYORS, AS WELL AS TO ESTABLISH PROTECTION AREAS IN WHICH CERTAIN ACTIVITIES HARMFUL TO SURFACE WATERS OR GROUNDWATER MAY BE PROHIBITED OR REGULATED. THE ACT ALSO MAKES IT AN OFFENSE TO CAUSE THE POLLUTION OF ANY WATER SOURCE USED DIRECTLY OR INDIRECTLY FOR HUMAN CONSUMPTION. THE AUTHORITY IS FURTHER CHARGED WITH ENSURING THAT PREMISES IN SEWERAGE AREAS CONTAIN WATER CLOSETS AND THAT EVERY WATER CLOSET, SINK, OR OTHER SEWAGE-DISCHARGING RECEPTACLE IS CONNECTED WITH THE SEWERAGE SYSTEM. SCHEDULES APPENDED TO THE ACT CONTAIN AMENDMENTS TO THOSE SECTIONS OF THE PUBLIC HEALTH ORDINANCE DEALING WITH WATER AND SEWERAGE. (THE ORIGINAL TEXT OF THIS ACT APPEARS IN THE ACTS OF TRINIDAD AND TOBAGO, 1965, PP. 151-271.)

S AM
ARGENTINA
LR(A)

"APRIL 16, 1973 LAW NO. 20.284 (ON ATMOSPHERIC POLLUTION)." BOLETIN OFICIAL

SPANISH
AIR

04/16/73 PGS 2-3

EPA
ID# 01656A

THIS LAW APPLIES TO ALL SOURCES LIKELY TO CAUSE ATMOSPHERIC POLLUTION THAT ARE LOCATED IN FEDERAL JURISDICTIONAL AREAS OR IN PROVINCES ADHERING TO FEDERAL JURISDICTION. THE LAW ASSIGNS TO THE NATIONAL HEALTH AUTHORITY THE RESPONSIBILITY FOR THE DEVELOPMENT AND EXECUTION OF A NATIONAL PROGRAM AGAINST AIR POLLUTION, TO INCLUDE THE CAUSES, EFFECTS, AND SCOPE OF SUCH POLLUTION AND METHODS FOR ITS PREVENTION AND CONTROL. THE LAW ALSO ESTABLISHES AN INTER-JURISDICTIONAL COMMISSION TO EXERCISE AUTHORITY WHEN THE EFFECTS OF POLLUTING SOURCES CROSS JURISDICTIONAL BOUNDARIES. THE LAW COVERS AIR QUALITY NORMS AND MAXIMUM EMISSION LEVELS, A PLAN TO MEET CRITICAL SITUATIONS, FIXED SOURCES, PENALTIES, PROCEDURES FOR THE FEDERAL CAPITAL, FEES AND FINES AND THEIR PURPOSE, AND TRANSITIONAL PROVISIONS. ANNEXES TO THE LAW DEAL WITH NORMS FOR MOTOR VEHICLE EMISSIONS, AIR QUALITY LEVELS (INCLUDING CONTAMINANT QUANTITIES FOR VARIOUS STAGES OF AN AIR POLLUTION ALERT), AND A DEFINITION OF THE TERMS USED IN THE LAW.

ARGENTINA
LR(A)

"JUNE 14, 1973 DECREE NO. 253 ON THE CREATION OF THE NATIONAL HEALTH COUNCIL." ANALES DE LEGISLACION ARGENTINA, VOL. 33-C, 1973

SPANISH
GENERAL

00/00/74 PGS 3212-3213

EPA
ID# 03491A

FIRST APPEARING IN THE ARGENTINE BOLETIN OFICIAL OF JUNE 27, 1973, THIS DECREE CREATES THE NATIONAL HEALTH COUNCIL OF ARGENTINA WHOSE DUTIES ARE THE TECHNICAL, FINANCIAL AND ADMINISTRATIVE OPERATION OF A NATIONAL HEALTH PROGRAM AND THE EVALUATION OF PUBLIC HEALTH RELATED ACTIVITIES THROUGHOUT THE COUNTRY. HOUSED WITHIN THE SUBSECRETARIAT OF PUBLIC HEALTH OF THE MINISTRY OF SOCIAL WELFARE, THE COUNCIL INCLUDES AMONG ITS MEMBERS THE SUBSECRETARY OF PUBLIC HEALTH AS COUNCIL PRESIDENT, THE SUBSECRETARY OF SOCIAL SECURITY, AND REPRESENTATIVES FROM: THE GENERAL CONFEDERATIONS OF LABOR AND ECONOMY, THE CONFEDERATION OF MEDICINE, THE CITY OF BUENOS AIRES, THE MINISTRY OF CULTURE AND EDUCATION, AND EACH OF THE NATIONAL HEALTH REGIONS OF THE COUNTRY. AN INCREASE IN SIZE OF THE COUNCIL MAY BE EFFECTED BY RESOLUTION OF THE MINISTER OF SOCIAL WELFARE.

S AM
ARGENTINA
LR(A)

"FEBRUARY 21, 1972 DECREE NO. 937 ON THE CREATION OF THE NATIONAL COMMISSION FOR THE MAN AND THE BIOSPHERE PROGRAM." ANALES DE LEGISLACION ARGENTINA, VOL. 32-A, 1972

SPANISH 00/00/73 PGS 414-415 EPA ID# 03492A
GENERAL

THIS DECREE PROVIDES FOR THE CREATION OF AN ARGENTINE NATIONAL COMMISSION FOR THE MAN AND THE BIOSPHERE PROGRAM. HOUSED WITHIN THE SECRETARIAT OF PLANNING AND GOVERNMENT ACTIVITY, THE COMMISSION IS TO ACT AS AN ADVISORY AND COORDINATING ORGAN IN ALL MATTERS PERTAINING TO THE MAN AND THE BIOSPHERE PROGRAM. ITS FUNCTIONS INCLUDE: THE COLLECTION OF SCIENTIFIC INFORMATION CONCERNING THE PROGRAM, EVALUATION OF RESEARCH PROPOSALS FOR THE PROGRAM, ADVISING ON PROGRAM PRIORITIES, ELABORATION OF ARGENTINA PARTICIPATION IN THE PROGRAM ON THE INTERNATIONAL LEVEL, AND THE EVALUATION AND COORDINATION OF FINANCIAL AND TECHNICAL AID FOR THE REALIZATION OF THE PROGRAM. THE APPOINTMENT OF OFFICIALS TO THE COMMISSION IS HONORARY, OTHER PUBLIC ADMINISTRATIVE DUTIES OF THE APPOINTED OFFICIALS NOT BEING AFFECTED. THE FUNCTIONS OF INTERNAL COORDINATION AND COOPERATION WITHIN THE COMMISSION ARE PERFORMED BY THE SUBSECRETARY OF SCIENCE AND TECHNOLOGY.

ARGENTINA
LR(A)

"NOVEMBER 20, 1973 DECREE NO. 339 ON THE CREATION OF SECRETARIATS AND SUBSECRETARIES WITHIN THE MINISTRY OF SOCIAL WELFARE." ANALES DE LEGISLACION ARGENTINA, VOL. 33-D

SPANISH 00/00/74 PGS 3831-36 EPA ID# 03493A
ALSO PHA
GENERAL

THIS DECREE, FIRST APPEARING IN THE ARGENTINE BOLETIN OFICIAL OF NOVEMBER 22, 1973, CREATES AND DELINEATES THE FUNCTIONS OF THE FOLLOWING SECRETARIATS OF STATE UNDER THE ARGENTINE MINISTRY OF SOCIAL WELFARE: COORDINATION AND SOCIAL PROMOTION; PUBLIC HEALTH; SOCIAL SECURITY; SPORTS AND TOURISM; HOUSING AND URBAN AFFAIRS; AND YOUTH AND THE FAMILY. THESE SECRETARIATS ARE RESPONSIBLE FOR THE FORMULATION OF NATIONAL POLICIES, PLANS AND PROGRAMS ON MATTERS UNDER THEIR RESPECTIVE JURISDICTIONS. MATTERS OF ENVIRONMENTAL INTEREST ARE RESPONSIBILITIES OF THE SECRETARIAT OF STATE FOR PUBLIC HEALTH IN THE AREAS OF PUBLIC HEALTH PROTECTION AND ENVIRONMENTAL SANITATION AND OF THE SECRETARIAT OF STATE FOR HOUSING AND URBAN AFFAIRS IN THE AREAS OF HOUSING, LAND USE PLANNING AND URBAN DEVELOPMENT. CERTAIN SUBSECRETARIATS FOR THE SECRETARIATS OF PUBLIC HEALTH; SOCIAL SECURITY; AND SPORTS AND TOURISM ARE ALSO CREATED BY THIS DECREE.

S AM
ARGENTINA
LR(A)

"MAY 23, 1973 DECREE NO. 4858 ON THE NATIONAL ENVIRONMENTAL POLICY."
ANALES DE LEGISLACION ARGENTINA, VOL. 33-D, 1973

SPANISH 00/00/74 PGS 2059-61 EPA ID# 03545A
ALSO PHA
GENERAL

THE NATIONAL ENVIRONMENTAL POLICY OF ARGENTINA, COMPLIANCE WITH WHICH IS MANDATORY FOR ALL AGENCIES, IS PROMULGATED IN THIS DECREE. NATIONAL ACTIVITIES AND PROGRAMS TO ATTAIN ENVIRONMENTAL GOALS ARE DELINEATED IN THE DECREE AND INCLUDE: ENVIRONMENTAL ORGANIZATION EFFORTS; INCORPORATION OF ENVIRONMENTAL FACTORS IN NATIONAL DEVELOPMENT; ENVIRONMENTAL EDUCATION AND TRAINING; EXCHANGE AND INFORMATION PROGRAMS; CREATION OF ENVIRONMENTAL INCENTIVES; AND PROVISIONS FOR ENVIRONMENTAL LAWS. UNTIL SUCH TIME AS AN EXECUTIVE ENVIRONMENTAL ORGANIZATION CAN BE STRUCTURED, THE INTERMINISTERIAL COMMISSION FOR ENVIRONMENTAL PRESERVATION WILL SERVE AS THE NATIONAL ENVIRONMENT AGENCY, ACTING IN AN ADVISORY CAPACITY WITHIN THE MINISTRY OF SOCIAL WELFARE. THE COMMISSION'S STRUCTURE AND POWERS IN THIS REGARD ARE SET FORTH IN THE DECREE, ONE SIGNIFICANT FUNCTION BEING THE ELICITING OF ENVIRONMENTAL IMPACT REPORTS FOR STATE SPONSORED WORKS AND PROJECTS. THE DECREE WAS FIRST PUBLISHED IN THE BOLETIN OFICIAL OF JUNE 13, 1973.

ARGENTINA
LR(A)

"JUNE 30, 1953 RESOLUTION NO. 956/53 PRESCRIBING STANDARDS FOR THE SALE OF COMMERCIAL INSECTICIDES INTENDED FOR PREVENTION OF AGRICULTURAL PESTS." INT. DIG. OF HLTH. LEG. WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/55 PGS 105 EPA ID# 01673A
PESTICIDES

THIS RESOLUTION GOVERNS THE CONTROL OF THE USE AND SALE OF THE INSECTICIDES KNOWN AS DDT, HCH, DNOC, CHLORETHANE, AND LINDANE. AMONG OTHER THINGS, THE RESOLUTION MAKES MANDATORY THE LABELING OF THE CONTAINERS OF SUCH SUBSTANCES WITH THE DATE OF MANUFACTURE AND THE WARNING "POISON." THE OFFICIAL VERSION OF THIS RESOLUTION APPEARS IN BOLETIN OFICIAL DE LA REPUBLICA ARGENTINA, JULY 22, 1953, PT. 1, P. 1.

ARGENTINA
LR(A)

"JANUARY 20, 1969 LAW NO. 18073 PROHIBITING THE USE OF CERTAIN SUBSTANCES IN THE TREATMENT OF . . . PASTURES . . . AND (CERTAIN) ANIMALS." INT. DIG. OF HLTH. LEG., V. 21.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/70 PGS 673 EPA ID# 01674A
PESTICIDES

THIS LAW PROHIBITS THE USE OF CERTAIN SUBSTANCES IN THE TREATMENT OF NATURAL OR SOWN PASTURES AND IN THE TREATMENT OF ANIMALS OF THE BOVINE, OVINE, CAPRINE, PORCINE, AND EQUINE SPECIES. IT BANS THE USE OF DIELDRIN, ENDRIN, HEPTACHLOR, AND HCH FOR THE TREATMENT OF PASTURE LAND AND CROPS TREATED WITH THESE SUBSTANCES MAY NOT BE USED AS FOODSTUFFS OR FODDER UNTIL THE SAFETY INTERVAL SPECIFIED BY LAW HAS EXPIRED. THE ENFORCEMENT AUTHORITY MAY CLOSE ESTABLISHMENTS IN VIOLATION OF THIS LAW OR IN THE EVENT THAT A QUANTITY OF PESTICIDE EXCEEDING THE PRESCRIBED TOLERANCE LEVEL IS FOUND IN ANIMALS OR IN THE PRODUCTS OR BYPRODUCTS OF ANIMAL OR PLANT ORIGIN. APPENDED TO THE LAW ARE TABLES FIXING RESIDUE TOLERANCES FOR A NUMBER OF PESTICIDES. THE OFFICIAL VERSION OF THIS LAW APPEARS IN BOLETIN OFICIAL DE LA REPUBLICA ARGENTINA, MARCH 27, 1969, P. 2-14.

S AM
ARGENTINA
LR(A)

"MAY 26, 1969 DECREE NO. 2678 EMBODYING REGULATIONS FOR THE IMPLEMENTATION OF LAW NO. 18073." INT. DIG. OF HLTH. LEG., V. 21.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/70 PGS 673-674 EPA ID# 01674B
PESTICIDES

THIS DECREE DESIGNATES THE STATE SECRETARIAT FOR AGRICULTURE AND LIVESTOCK BREEDING (ACTING THROUGH THE INTERMEDIARY OF ITS NATIONAL PLANT HEALTH SERVICE OR NATIONAL ANIMAL HEALTH SERVICE) AND THE STATE SECRETARIAT FOR PUBLIC HEALTH AS THE AUTHORITIES RESPONSIBLE, WITHIN THEIR RESPECTIVE AREAS OF COMPETENCE, FOR THE ENFORCEMENT OF THE JAN 20, 1969 LAW BANNING THE USE OF CERTAIN SUBSTANCES IN THE TREATMENT OF PASTURE LAND AND OF SPECIFIED DOMESTIC ANIMALS. THE DECREE ALSO SETS REGULATIONS GOVERNING THE TRANSPORT, STORAGE, AND PACKAGING OF PESTICIDES TO PREVENT THEIR COMING IN CONTACT WITH FOODSTUFFS, BEVERAGES, CLOTHING, MEDICINES, AND UTENSILS. IT ALSO REQUIRES THE MAINTENANCE OF A REGISTER OF CONSIGNMENT BY ALL PERSONS ENGAGED IN THE DISTRIBUTION AND SALES OF PESTICIDES. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN BOLETIN OFICIAL DE LA REPUBLICA ARGENTINA, JUNE 10, 1969, P. 1.

ARGENTINA
LR(A)

"SEPTEMBER 22, 1972 RESOLUTION NO. 1.370 ON MEASURES DESIGNED TO PREVENT CONTAMINATION BY UNLAWFUL RESIDUES IN GRAIN INTENDED FOR CONSUMPTION." BOLETIN OFICIAL.
SPANISH 10/05/72 PGS 7 EPA ID# 01674C
PESTICIDES

THIS RESOLUTION, ISSUED BY THE MINISTRY OF AGRICULTURE AND LIVESTOCK, DEALS WITH PESTICIDE PRODUCTS USED TO TREAT GRAIN FIELDS. AMONG OTHER THINGS, IT PRESCRIBES SUCH MEASURES AS THE DISTINCTIVE COLORING OF THE PRODUCTS, CERTAIN LABELING DATA, AND PREREQUISITES FOR SALE IN ORDER TO PREVENT CONTAMINATION THROUGH PESTICIDE RESIDUES OF GRAINS INTENDED FOR HUMAN OR ANIMAL CONSUMPTION. THE PENALTY PROVISIONS OF THE JAN. 20, 1969 LAW NO. 18.073 APPLY.

ARGENTINA
LR(A)

"SEPTEMBER 12, 1975 RESOLUTION 831 ON THE USE OF INSECTICIDES." BOLETIN OFICIAL DE LA REPUBLICA ARGENTINA
SPANISH 09/19/75 PGS 4 EPA ID# 03173A
PESTICIDES

THIS RESOLUTION PROMULGATED BY THE ARGENTINE SECRETARIAT OF AGRICULTURE AND LIVESTOCK CREATES A SPECIAL COMMISSION TO STUDY AND ANALYZE THE EXISTING LEGAL AND ECONOMIC PROVISIONS RELATING TO THE MANUFACTURE, SUPPLY, SALE, CONTROL AND USE OF INSECTICIDES IN AGRICULTURE. THE COMMISSION IS TO BE MADE UP OF REPRESENTATIVES OF SEVERAL AGENCIES UNDER THE SECRETARIAT OF AGRICULTURE AND LIVESTOCK, IN ADDITION TO REPRESENTATIVES INVITED FROM THE SECRETARIAT OF NATURAL RESOURCES AND HUMAN ENVIRONMENT, THE NATIONAL MEAT BOARD, THE UNIVERSITIES OF BUENOS AIRES AND LA PLATA, AND VARIOUS ENTITIES DEALING WITH AGRICULTURAL PRODUCTION AND PESTICIDE USE. RECOMMENDATIONS SUBMITTED BY THE COMMISSION WILL NOT BE UNANIMOUSLY FORMULATED. INSTEAD, EACH MEMBER OF THE COMMISSION WILL SUBMIT INDIVIDUAL RECOMMENDATIONS IN WRITING ON MATERIAL SUBMITTED TO THE COMMISSION FOR CONSIDERATION.

S AM
ARGENTINA
LR(A)

"NOVEMBER 29, 1968 DECREE NO. 7560 ESTABLISHING THE NEW ORGANIZATIONAL STRUCTURE OF THE NATIONAL ATOMIC ENERGY COMMISSION." INT. DIG. OF HLTH. LEG., V. 21.
WORLD HEALTH ORGANIZATION, COMP.
ENGLISH 00/00/70 PGS 671-672 EPA ID# 01672A
RADIATION

THIS DECREE, APPROVING THE ORGANIZATIONAL STRUCTURE OF THE NATIONAL ATOMIC ENERGY COMMISSION, PLACES CERTAIN SERVICES UNDER THE DIRECT AUTHORITY OF THE COMMISSION, AMONG THEM THE RADIOLOGICAL PROTECTION AND SAFETY SERVICE. THIS SERVICE DEALS WITH ALL MATTERS RELATING TO THE PLANNING OF PROGRAMS CONCERNED WITH RADIATION SAFETY AND PROTECTION AND PROMOTES TECHNIQUES TOWARD THOSE ENDS. THE SERVICE IS RESPONSIBLE FOR HANDLING MATTERS DEALING WITH RADIATION AND INDUSTRIAL SAFETY, ENVIRONMENTAL RADIO-CHEMISTRY, RADIATION PROTECTION IN MEDICINE, RADIATION PROTECTION ENGINEERING INCLUDING NUCLEAR SAFETY, TREATMENT OF RADIOACTIVE WASTES AND RADIATION PROTECTION INSTRUMENTATION, AND FOR ADMINISTERING, COORDINATING, AND SUPERVISING ACTIVITIES ASSIGNED TO THE SERVICE. THE DECREE PLACES THE FOLLOWING UNITS, THE RESPONSIBILITIES OF WHICH ARE OUTLINED, UNDER THIS SERVICE: ENVIRONMENTAL STUDIES DIVISION, RADIATION HEALTH DIVISION, OPERATIONAL RADIATION PROTECTION AND THE RADIATION PROTECTION ENGINEERING DEPARTMENTS. OFFICIAL TEXT APPEARS IN BOLETIN OFICIAL, JUL 29,'69.

ARGENTINA
PM(B)

NATIONAL REPORT OF THE REPUBLIC TO THE U.N. CONFERENCE ON THE HUMAN ENVIRONMENT
SPANISH 00/00/72 PGS 1-26 EPA ID# 02711A
ALSO SE
GENERAL

THIS DOCUMENT IS THE REPORT OF THE ARGENTINE DELEGATION TO THE U.N. CONFERENCE ON THE HUMAN ENVIRONMENT HELD IN STOCKHOLM IN 1972. ALTHOUGH NO SPECIFIC SOLUTIONS OR ENVIRONMENTAL CONTROL SYSTEMS ARE INDICATED, THE REPORT PRESENTS BASIC DEMOGRAPHIC INFORMATION AND PROVIDES A SURVEY OF THE CURRENT ENVIRONMENTAL STATUS AND STUDIES CARRIED OUT REGARDING THE HUMAN ENVIRONMENT IN ARGENTINA. SPECIFIC SECTIONS OF THE REPORT DISCUSS AIR POLLUTION PROBLEMS IN BUENOS AIRES, WATER POLLUTION, SOIL POLLUTION AND RADIATION. IN THE SECOND PART OF THE REPORT, NATIONAL PROBLEMS REGARDING THE PROTECTION OF WILDLIFE AND THE CONSERVATION OF FOREST RESOURCES ARE DISCUSSED.

S AM
BOLIVIA
LR(A)

"FEBRUARY 17, 1971. SUPREME DECREE NO. 09502 (CREATING AN INTERMINISTERIAL COMMISSION ON THE HUMAN ENVIRONMENT)." GACETA OFICIAL DE BOLIVIA.

SPANISH
GENERAL 02/19/71 PGS 11797-8 EPA ID# 01725A

THIS DECREE, ISSUED BY THE PRESIDENT OF THE REVOLUTIONARY GOVERNMENT, ESTABLISHES AN INTERMINISTERIAL COMMISSION COMPOSED OF REPRESENTATIVES FROM THE MINSITRIES OF FOREIGN AFFAIRS, OF PLANNING, OF EDUCATION, OF HEALTH, OF URBANISM AND HOUSING, OF RURAL AFFAIRS AND AGRICULTURE, AND OF INDUSTRY AND COMMERCE. THIS COMMISSION IS RESPONSIBLE FOR STUDYING THE PROBLEMS OF HUMAN ENVIRONMENT. THE MINSTRIES OF FOREIGN AFFAIRS AND OF PLANNING AND COORDINATION ARE RESPONSIBLE FOR CARRYING OUT THIS DECREE. ALL THE OTHER MINISTRIES, OFFICIAL SECTORS, SOVEREIGN AND SEMI-SOVEREIGN ENTITIES, UNIVERSITIES, AND CENTERS OF SCIENTIFIC INVESTIGATION, ARE REQUESTED TO COOPERATE WITH THIS COMMISSION. AFTER THIS COMMISSION FINALIZES THE PREPARATION OF NATIONAL INFORMATION ON THE PROBLEMS OF HUMAN ENVIRONMENT, IT WILL BECOME INTEGRATED WITH THE COMMISSION IN CHARGE OF THE STUDY OF NATURAL RESOURCES.

BOLIVIA
PM(B)

INFORME NACIONAL DE BOLIVIA SOBRE EL MEDIO HUMANO (BOLIVIAN NATIONAL REPORT ON THE HUMAN ENVIRONMENT)

SPANISH
ALSO SE
GENERAL 05/00/71 PGS 1-24 EPA ID# 02709A

THIS REPORT WAS PREPARED BY THE BOLIVIAN MINISTRY OF EXTERIOR RELATIONS AND CULTURE FOR PRESENTATION AT THE U.N. CONFERENCE ON THE HUMAN ENVIRONMENT HELD IN STOCKHOLM IN 1972. SECTION I OF THE REPORT OUTLINES BASIC DEMOGRAPHIC TENDENCIES, DISCUSSES THE RATIONAL USE OF NATURAL RESOURCES IN BOLIVIA, AND POINTS OUT ECONOMIC AND ADMINISTRATIVE DEFICIENCIES IMPEDING ADEQUATE LEVELS OF ENVIRONMENTAL SANITATION. SECTION II DEALS WITH THE PRESENT AND PROPOSED MEASURES UNDERTAKEN BY THE BOLIVIAN GOVERNMENT, OFTEN IN COOPERATION WITH INTERNATIONAL ORGANIZATIONS, FOR IMPROVEMENT OF THE HUMAN ENVIRONMENT. THE REPORT CONTAINS FOUR TABLES SHOWING DISTRIBUTION OF INCOME, HOUSING STATISTICS, WATER AND SEWAGE STATISTICS, AND THE AVERAGE DAILY CONSUMPTION OF FOOD PER INDIVIDUAL.

S AM
BRAZIL
LR(A)

"FEBRUARY 28, 1967 DECREE-LAW NO. 303 TO ESTABLISH THE NATIONAL COUNCIL FOR THE CONTROL OF ENVIRONMENTAL POLLUTION . . ." COLECAC DAS LEIS, V. 1.
EPA
PORTUGUESE 00/00/67 PGS 545-550 ID# 01677A
GENERAL WATER AIR SOLID WASTE

THIS DECREE-LAW APPLIES TO ALL TYPES OF WATER (PUBLIC, PRIVATE, SURFACE, GROUND) AND TO ALL POLLUTION-EMISSION SOURCES LIKELY TO CONTAMINATE THE ATMOSPHERE OR SOIL. POLLUTION IS DEFINED AS ANY CHANGE IN THE PROPERTIES OF THE ENVIRONMENT CAUSED BY ANY LIQUID, SOLID, OR GAS THAT IS HARMFUL TO THE HEALTH, SAFETY, AND WELFARE OF THE PEOPLE OR DETRIMENTAL TO FLORA AND FAUNA. THE DECREE-LAW SETS UP A NATIONAL COUNCIL FOR THE CONTROL OF ENVIRONMENTAL POLLUTION WITHIN THE MINISTRY OF HEALTH. ITS RESPONSIBILITIES ARE: STUDYING AND APPROVING STANDARDS AT BOTH THE NATIONAL AND REGIONAL LEVELS; STANDARDIZING PROCEDURES FOR ENVIRONMENTAL CONTROL IN COLLABORATION WITH AGENCIES RESPONSIBLE FOR THAT CONTROL SETTING GENERAL STANDARDS APPLICABLE TO POLLUTION CAUSED BY COMMERCIAL, INDUSTRIAL, AND AGRICULTURAL ENTERPRISES; DESIGNING REGULATIONS TO STIMULATE PRIVATE INVESTMENT IN POLLUTION CONTROL; ESTABLISHING RESPONSIBILITY FOR POLLUTION AMONG JURISDICTIONS AND ARBITRATING INTERSTATE QUESTIONS; AND PROMOTING EDUCATIVE MEASURES AND INTERNATIONAL ACCORDS.

BRAZIL
LR(A)

SECRETARIA ESPECIAL DO MEIO AMBIENTE (SEMA) (SPECIAL SECRETARY FOR THE ENVIRONMENT)
COSTA CAVALACANTI, JOSE AND JOAO P. DOS REIS VELLOSO EPA
PORTUGUESE PGS 1-11 ID# 02037A
ALSO PMA AND LRB
GENERAL

THIS PAMPHLET REPRINTS THE DECREE THAT PROPOSES THE CREATION OF THE SPECIAL SECRETARIAT OF THE ENVIRONMENT, UNDER THE MINISTRY OF THE INTERIOR. THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IS A CENTRAL AGENCY FOR THE COORDINATION AND APPLICATION OF VARIOUS LAWS AND ORGANIZATIONS DEALING ENTIRELY OR PARTIALLY WITH ENVIRONMENTAL PROTECTION. THE INTRODUCTION TO THE PAMPHLET LISTS SOME OF THE EXISTING LAWS AND ORGANIZATIONS CONCERNING ENVIRONMENTAL PROTECTION AND CITES THE NEED FOR A CENTRAL COORDINATING AUTHORITY. THE BODY OF THE DECREE FOLLOWS THE INTRODUCTION AND DESCRIBES THE STRUCTURE, FUNCTIONS, FUNDING AND OTHER ATTRIBUTES OF SEMA. THIS DECREE WAS PUBLISHED IN THE DIARIO OFICIAL DA UNIAO (OFFICIAL GAZETTE OF THE UNION) ON OCTOBER 30, 1973 AND ENTERED INTO FORCE THE SAME DAY.

S AM
BRAZIL
LR(A)

"DECREE NO. 73.030 OF OCTOBER 30, 1973." COLECAO DAS LEIS DA REPUBLICA FEDERATIVA DO BRASIL 1973, VOL VIII, TOMO I

PORTUGUESE 00/00/74 PGS 160-162 EPA ID# 02037B
ALSO PMA
GENERAL WATER

THIS DECREE, PUBLISHED IN THE BRAZILIAN OFFICIAL GAZETTE ON OCTOBER 30, 1973, CREATES THE SPECIAL SECRETARIAT FOR THE ENVIRONMENT (SEMA), UNDER THE MINISTRY OF INTERIOR. SEMA IN NO MANNER REPLACES OR MODIFIES THE EXISTING ENVIRONMENTAL LAWS AND ORGANIZATIONS, BUT RATHER ACTS AS A CENTRAL ADVISORY AND COORDINATING AGENCY FOR THE APPLICATION OF THESE LAWS AND ORGANIZATIONS. AMONG OTHER MEANS, SEMA IS FUNDED THROUGH THE GENERAL BUDGET AND CONTRIBUTIONS. ADMINISTRATIVE FUNCTIONS OF SEMA ARE CONDUCTED THROUGH THE ADMINISTRATIVE NUCLEUS OF THE MINISTER OF INTERIOR. TECHNICAL AND LEGAL PROJECTS ARE CARRIED OUT ON A CONTRACT BASIS AND BY REQUISITION OF SERVICES AND PERSONNEL FROM GOVERNMENT AND PRIVATE ORGANIZATIONS. THE SECRETARY OF SEMA IS APPOINTED BY THE PRESIDENT OF THE REPUBLIC ON THE RECOMMENDATION OF THE MINISTER OF THE INTERIOR. SIMILARLY NINE ECOLOGICAL SPECIALISTS ARE APPOINTED MEMBERS OF SEMA'S CONSULTATIVE COUNCIL FOR THE ENVIRONMENT (CCMA). THEY ADVISE THE SECRETARY IN MATTERS RELATING TO THEIR RESPECTIVE FIELDS.

BRAZIL
LR(B)

"CONTAIN INDUSTRIAL POLLUTION, SEMA'S GOAL IN 1975." ESTADO DE SAO PAULO

PORTUGUESE 12/14/74 PGS 1,66 EPA ID# 02037J
GENERAL WATER AIR

ACCORDING TO THIS NEWSPAPER INTERVIEW WITH THE BRAZILIAN SECRETARY OF THE ENVIRONMENT, STANDARDS FOR THE CLASSIFICATION OF INDUSTRIAL AND MARITIME POLLUTION WILL SOON BE PROMULGATED. THE CLASSIFICATION OF INDUSTRIES BY POLLUTION TYPES WILL PERMIT THE GOVERNMENT TO CONTROL INDUSTRIAL EXPANSION AND MORE EASILY ASSIGN RESPONSIBILITY TO POLLUTERS. AS A RESULT, IT IS PREDICTED THAT INDUSTRIAL POLLUTION WILL IN MANY CASES BE SUBSTANTIALLY REDUCED WITHIN A SHORT PERIOD OF TIME. THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) WILL MONITOR ENVIRONMENTAL POLLUTION BY MEANS OF SATELLITE PICTURES AND WILL REPORT DISCREPANCIES TO THE APPROPRIATE AUTHORITIES. IN THIS RESPECT, SEMA EMPHASIZES THAT A MODERATE RATHER THAN RADICAL ATTITUDE TOWARDS POLLUTERS WILL ELICIT COOPERATION AND BETTER LONG-RANGE RESULTS. OTHER TOPICS DISCUSSED IN THIS ARTICLE INCLUDE THE NETWORK OF ECOLOGICAL STATIONS THROUGHOUT THE COUNTRY AND THE CLASSIFICATION OF VARIOUS BEACHES ACCORDING TO SEMA'S RECENT HEALTH SAFETY REGULATIONS.

S AM
BRAZIL
LR(B)

"ONLY THOSE WHO REFRAIN FROM POLLUTING WILL RECEIVE FINANCIAL AID; MANUFACTURE OF POLLUTANTS WILL BE PROHIBITED." O ESTADO DE SAO PAULO

EPA
PORTUGUESE 06/27/75 PGS 1, 42 ID# 02037P
ALSO PMA, PMB AND SE
GENERAL

THIS ARTICLE REPORTS ON THE PROVISIONS OF THE FORTHCOMING BRAZILIAN ENVIRONMENTAL LAW, WHICH WILL ESTABLISH ENVIRONMENTAL PROTECTION STANDARDS, PROSCRIBE THE MANUFACTURE, SALE OR USE OF PRODUCTS OR DEVICES HARMFUL TO THE ENVIRONMENT, AND REQUIRE THAT THE ESTABLISHMENT OF INDUSTRIES AND LOANS TO FINANCE SUCH ACTIVITIES BE APPROVED BY THE SPECIAL SECRETARIAT OF THE ENVIRONMENT. PROVISIONS ARE ALSO MADE FOR SANCTIONS OF VARYING SEVERITY AGAINST POLLUTERS, DEPENDING ON THE GRAVITY OF THE OFFENSE. IN ADDITION, THE LAW WILL ESTABLISH THE TARIFF FOR REGISTERING, RESEARCHING AND CONTROLLING POLLUTION (CONPOL) WHICH WILL BE COLLECTED ON A MONTHLY BASIS FROM PERSONS OR ENTITIES WHOSE ACTIVITIES MAY CAUSE ECOLOGICAL DAMAGE. AS PROVIDED BY THE LAW, ENVIRONMENTAL PROTECTION IS TO BE PRIMARILY A STATE GOVERNMENT FUNCTION, WHILE THE FEDERAL GOVERNMENT, THROUGH THE SPECIAL SECRETARIAT OF THE ENVIRONMENT, IS TO ACT IN A COORDINATING AND SUPERVISORY CAPACITY.

BRAZIL
LR(A)

"SEPTEMBER 26, 1967 LAW NO. 5.318." COLECAO DAS LEIS DE 1967, V. 5
COSTA E SILVA, A. ET AL.
EPA
PORTUGUESE 00/00/67 PGS 23-24 ID# 02056A
ALSO PMA
GENERAL

THIS LAW INSTITUTES THE NATIONAL SANITATION POLICY AND CREATES THE NATIONAL SANITATION COUNCIL (CONSANE), UNDER THE MINISTRY OF INTERIOR. THE NATIONAL SANITATION POLICY APPLIES TO BASIC SANITATION, WATER SUPPLY AND USE, DRAINAGE AND SEWAGE SYSTEMS, AND CONTROL OF POLLUTION, EROSION AND FLOODS. CONSANE INTERPRETS THE POLICY ALONG THE LINES OF GENERAL GOVERNMENT PLANNING AND FORMULATES DIRECTIVES FOR THE APPLICATION OF THIS POLICY IN A NATIONAL SANITATION PLAN. THE BOARD OF DIRECTORS OF CONSANE CONSISTS OF AN APPOINTED PRESIDENT AND SIX MEMBERS REPRESENTING THE MINISTRIES OF INTERIOR, HEALTH AND PLANNING. THE PLENARY COUNCIL OF CONSANE, STAFFED BY REPRESENTATIVES FROM VARIOUS OFFICIAL AND PRIVATE ORGANIZATIONS, CONDUCTS DETAILED RESEARCH IN FORMULATING THE DIRECTIVES SET FORTH BY THE BOARD OF DIRECTORS. THE NATIONAL DEPARTMENT OF SANITATION WORKS AND TWO OTHER FEDERAL AGENCIES ARE RESPONSIBLE FOR THE EXECUTION OF THE NATIONAL SANITATION PLAN. THIS LAW SUPERCEDES DECREE-LAWS NOS. 248 AND 303 OF FEBRUARY 28, 1967.

S AM
BRAZIL
LR(B)

"SEMA (SPECIAL SECRETARIAT OF THE ENVIRONMENT) CONTROLS INDUSTRIAL POLLUTION."
O ESTADO DE SAO PAULO

PORTUGUESE 08/30/74 PGS 14 EPA ID# 02413A
GENERAL

ACCORDING TO THIS NEWSPAPER ARTICLE, A MEETING BETWEEN THE BRAZILIAN SECRETARY OF THE ENVIRONMENT, PAULO NOGUEIRA NETO, AND THE MINISTER OF INDUSTRY AND COMMERCE, SEVERO GOMES, HAS RESULTED IN AN AGREEMENT WHEREBY ALL INDUSTRIAL PROJECTS SUBMITTED TO THE INDUSTRIAL DEVELOPMENT COUNCIL WILL ALSO BE REVIEWED BY THE SECRETARIAT OF INDUSTRIAL TECHNOLOGY TO VERIFY THAT THE APPROPRIATE ANTI-POLLUTION MEASURES ARE INCLUDED. THIS REPRESENTS A SIGNIFICANT STEP IN REALIZING THE NATIONAL POLICY OF MAKING ENVIRONMENTAL MEASURES COMPATIBLE WITH INDUSTRIAL DEVELOPMENT, ESPECIALLY SINCE THE SECRETARIAT OF INDUSTRIAL DEVELOPMENT IS CURRENTLY CONDUCTING RESEARCH ON ANTI-POLLUTION EQUIPMENT. BESIDES THE USE OF ANTI-POLLUTION EQUIPMENT, FORTHCOMING ENVIRONMENTAL LEGISLATION WILL REQUIRE DISPERSED LOCATION OF NEW INDUSTRIES AND WILL OFFER INCENTIVES RATHER THAN PENALTIES TO ELICIT THE COOPERATION OF THE INDUSTRIAL COMMUNITY IN THESE EFFORTS.

BRAZIL
LR(B)

"AUGUST 14, 1975 DECREE-LAW NO. 1413 ON CONTROL OF ENVIRONMENTAL POLLUTION CAUSED BY INDUSTRIAL ACTIVITIES." DIARIO OFICIAL

PORTUGUESE 08/14/75 PGS 1 EPA ID# 03046A
ALSO PMB
GENERAL AIR WATER

THIS LAW, PROMULGATED BY PRESIDENT ERNESTO GEISEL OF BRAZIL AND ADDITIONALLY SIGNED BY THE MEMBERS OF THE BRAZILIAN CABINET, STIPULATES THAT BRAZILIAN INDUSTRIES MUST TAKE MEASURES, AS DEFINED BY THE FEDERAL GOVERNMENT, TO PREVENT ENVIRONMENTAL POLLUTION AND REQUIRES THE ADOPTION OF URBAN ZONING AND ECONOMIC SCHEMES TO ALLEVIATE SERIOUS POLLUTION IN AREAS OF INDUSTRIAL CONGESTION. IN CASES OF VIOLATIONS OF THE PROVISIONS OF THIS LAW, THE FEDERAL GOVERNMENT RETAINS THE EXCLUSIVE POWER TO ACT IN MATTERS CONCERNING SANCTIONS OR SUSPENSIONS OF THOSE INDUSTRIES CONSIDERED TO BE OF CRITICAL IMPORTANCE TO NATIONAL DEVELOPMENT OR SECURITY. ACTIVITIES OF STATE AND MUNICIPAL GOVERNMENTS IN CONTROLLING INDUSTRIAL POLLUTION MUST BE IN COMPLIANCE WITH THE PROVISIONS OF THIS LAW.

S AM
BRAZIL
LR(B)

"PRESIDENT GEISEL ISSUES ANTI-POLLUTION REGULATIONS." DEPT. OF STATE AIRGRAM. AMEMBASSY BRASILIA. NO. A-148
U.S. DEPARTMENT OF STATE EPA
ENGLISH 08/22/75 PGS 1-3 ID# 030468
ALSO PMB AND SE
GENERAL AIR WATER

THIS REPORT, PREPARED BY UNITED STATES EMBASSY PERSONNEL IN BRASILIA, GIVES HIGHLIGHTS OF AND COMMENTS ON THE DECREE-LAW OF AUGUST 14, 1975, WHICH WAS SIGNED BY BRAZILIAN PRESIDENT GEISEL AND WHICH SETS FORTH ANTIPOLLUTION MEASURES TO BE ADOPTED BY FEDERAL AND STATE GOVERNMENTS. THE LAW PROVIDES FOR INDUSTRIAL PLANNING AND A SYSTEM OF URBAN ZONING TO ALLEVIATE SERIOUS POLLUTION PROBLEMS AND REQUIRES INDUSTRIES TO ADOPT ADEQUATE ANTIPOLLUTION MEASURES AS SPECIFIED BY THE FEDERAL GOVERNMENT. IN CASES OF VIOLATIONS OF ANTIPOLLUTION MEASURES, THE FEDERAL GOVERNMENT RATHER THAN THE STATE GOVERNMENTS HAS THE EXCLUSIVE RESPONSIBILITY TO SUSPEND THE OPERATION OF CRITICAL INDUSTRIES, THEREBY AVOIDING INCIDENTS SIMILAR TO THAT OCCURRING IN MINAS GERAIS, WHERE STATE AUTHORITIES CLOSED DOWN A CRITICAL INDUSTRY DUE TO POLLUTION. THE DECREE LAW IS A FORERUNNER OF THE FORTHCOMING CONGRESSIONAL LEGISLATION AIMED AT MAKING ENVIRONMENTAL PROTECTION COMPATIBLE WITH ECONOMIC DEVELOPMENT BY OFFERING INCENTIVES RATHER THAN SANCTIONS TO INDUSTRY.

BRAZIL
LR(A)

"SPECIAL RETIREMENT. SOCIAL SECURITY REGULATIONS." COLECAO DAS LEIS. V. 6. 1973
EPA
PORTUGUESE 00/00/73 PGS 458-459* ID# 02172A
*ALSO P. 508
NOISE

THIS SUBSECTION OF THE BRAZILIAN SOCIAL SECURITY REGULATIONS, INSTITUTED BY LAW 3.807 OF AUGUST, 1960 AND MODIFIED BY LAW 5.890 OF JUNE 8, 1973 AND BY DECREE NO. 72.771 OF SEPTEMBER 6, 1973, PROVIDES SPECIAL RETIREMENT BENEFITS FOR BRAZILIAN WORKERS EXPOSED TO UNHEALTHY OR DANGEROUS WORKING CONDITIONS. RATHER THAN WORKING THE NORMAL 30 YEARS BEFORE PENSIONING, AN ELIGIBLE WORKER MAY NOW RECEIVE HIS PENSION AFTER 15, 20, OR 25 YEARS, DEPENDING ON THE TYPE OF UNHEALTHY OR DANGEROUS CONDITIONS OF HIS OCCUPATION. AS REGULATED IN TABLE I OF THESE REGULATIONS, WORKERS PERMANENTLY EXPOSED TO NOISE LEVELS HIGHER THAN 90 DECIBELS ARE ELIGIBLE FOR SPECIAL RETIREMENT BENEFITS AFTER 25 YEARS OF SERVICE.

S AM
BRAZIL
LR(B)

"NOCTURNAL QUIET." VEJA

EPA
PORTUGUESE 02/26/75 PGS 55 ID# 02714A
ALSO PMB
NOISE

THIS MAGAZINE ARTICLE REPORTS ON SOME OF THE DANGEROUS EFFECTS OF AIRCRAFT NOISE ON RESIDENTS NEAR CONGONHAS AIRPORT IN SAO PAULO AND STATES THAT THE BRAZILIAN AIR MINISTRY WILL PROHIBIT, BEGINNING IN MARCH 1975, AIRCRAFT OPERATIONS OVER THE AIRPORT BETWEEN 10 P.M. AND 6 A.M. THE FLIGHTS ORIGINALLY SCHEDULED FOR THIS TIME OF NIGHT CAN BE EASILY RESCHEDULED DURING THE DAY. THE MEASURE IS SEEN TO REPRESENT A POSITIVE REACTION TO THE GROWING CONCERN OVER HUMAN HEALTH PROBLEMS CAUSED BY NOISE IN DENSELY POPULATED AREAS OF THE COUNTRY. IT IS PLANNED TO DIMINISH THE DAYTIME NOISE GENERATED AT CONGONHAS BY REROUTING DOMESTIC FLIGHTS TO THE PROPOSED CUMBICA AIRPORT IN 1980. HOWEVER, THE BRAZILIAN SECRETARY OF THE ENVIRONMENT BELIEVES THAT THE CUMBICA SITE IS ALREADY TOO DENSELY POPULATED TO ADEQUATELY CONTEND WITH THE NOISE OF AIRPORT ACTIVITIES AND HAS RECOMMENDED THE CONSTRUCTION OF AN AIRPORT AT COTIA, 30 KILOMETERS FROM SAO PAULO.

BRAZIL
LR(A)

"OCTOBER 6, 1965 LAW NO. 4785 EMBODYING PROVISIONS AS TO THE CONTROL OF TRADE IN AND USE OF PLANT PROTECTION PRODUCTS . . ." INT. DIG. OF HLTH. LEG., V. 18.
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/67 PGS 260-261 ID# 01675A
PESTICIDES

THIS LAW MAKES MANDATORY THROUGHOUT BRAZIL THE CONTROL OF TRADE IN AND USE OF PLANT PROTECTION PRODUCTS WHENEVER THESE PRODUCTS ARE DEFINED AS CHEMICAL OR BIOLOGICAL SUBSTANCES INTENDED TO PREVENT THE OCCURRENCE OF OR REPEL OR DESTROY INSECTS, WOODS, RODENTS, OR OTHER FORMS OF PLANT OR ANIMAL LIFE. THE LAW ASSIGNS TO THE PLANT PROTECTION SERVICE OF THE MINISTRY OF AGRICULTURE THE RESPONSIBILITY OF SPECIFYING AND DEFINING THE CHEMICALS AND RAW MATERIALS TO BE CLASSED AS PLANT PROTECTION PRODUCTS. THE LAW ALSO DEALS WITH THE IMPORTATION, EXPORTATION, MANUFACTURE, HANDLING, SALE, AND APPLICATION OF THESE PRODUCTS. THE OFFICIAL VERSION APPEARS IN DIARIO OFICIAL, SECT. I, PT. I, OCT. 11, 1965, P. 10345.

BRAZIL
LR(A)

"AUGUST 26, 1970 DECREE NO. 67112 APPROVING THE SPECIAL TECHNICAL STANDARDS APPLICABLE TO THE CONTROL OF THE MANUFACTURE AND SALE OF SANITARY . . . PRODUCTS." INT DIG HLTH LEG
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/73 PGS 254-256 ID# 01676A
PESTICIDES

THIS DECREE APPROVES THE SPECIAL TECHNICAL STANDARDS GOVERNING THE CONTROL OF THE MANUFACTURE AND SALE OF SANITARY PRODUCTS (INCLUDING PLANT PROTECTION AND VETERINARY PEST CONTROL AGENTS). IT SETS LICENSING REQUIREMENTS FOR ENTERPRISES ENGAGED IN THE PRODUCTION, HANDLING, AND APPLICATION OF THESE PRODUCTS. LICENSES ARE ISSUED BY THE MINISTRY OF AGRICULTURE. FURTHER, THE DECREE REQUIRES THAT THESE PRODUCTS BE REGISTERED WITH THE COMPETENT AGENCY OF THE MINISTRY OF AGRICULTURE AND THAT THEY BE PACKAGED IN A MANNER NOT TO BE CONFUSED WITH FOODSTUFFS, MEDICINES, BEVERAGES, AND THE LIKE. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, SECT. I, PT. I, AUG 27, 1970, P. 7554-7558.

S AM
BRAZIL
LR(B)

"MANUFACTURE OF INSECTICIDES AND RAT POISONS IS REGULATED." O ESTADO DE SAO PAULO

EPA
PORTUGUESE 10/20/74 PGS 41 ID# 02451A
PESTICIDES

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN NATIONAL SERVICE FOR THE CONTROL OF MEDICINE AND PHARMACY HAS LAID DOWN DIRECTIVES REGULATING THE MANUFACTURE, CONTENT, PACKAGING AND SALE OF DOMESTIC INSECTICIDES AND RAT POISONS. TO PREVENT ACCIDENTAL POISONINGS OF HUMANS, THE USE OF AROMATICS IN PESTICIDES IS PROHIBITED AS IS ANY FORM OF PACKAGING OR LABELING WHICH COULD BE MISLEADING. THE DIRECTIVES SPECIFY TOXIC SUBSTANCES AND REGULATE THEIR USE IN PESTICIDE PRODUCTION, AND SOME OF THE RESTRICTED AND PROHIBITED POISONS ARE LISTED IN THIS NEWSPAPER ARTICLE. MANUFACTURERS HAVE ONE YEAR TO MODIFY THEIR PRODUCTS TO ACCEPTABLE SPECIFICATIONS. NON-COMPLIANCE WITH THESE SPECIFICATIONS CAN RESULT IN REVOCATION OF LICENSES TO MANUFACTURE PESTICIDES.

BRAZIL
LR(B)

"THE INCREASING POLLUTION OF THE WATERS AND THE INTERNATIONAL MEASURES TO COMBAT IT." REVISTA MARITIMA BRASILIERA, V. 92, NOS. 10-12

DAMASCENO MATERA, EDNEI

EPA
PORTUGUESE 12/00/73 PGS 36-73 ID# 01041A
ALSO SE
WATER

DIVIDED INTO CHAPTERS EACH WITH ITS OWN SUMMARY, THIS EXTENSIVE ACCOUNT ON THE PROBLEM AND PREVENTION OF WATER AND SEA POLLUTION AND ON ITS IMPLICATIONS FOR BRAZIL COVERS THE FOLLOWING ASPECTS: ORIGINS AND CONSEQUENCES OF WATER POLLUTION, PHYSICAL MEANS OF CURBING POLLUTION OF THE SEA BY OIL (INCLUDING THE LOAD-ON-TOP SYSTEM), ECONOMIC CONSIDERATIONS, OIL SPILLAGE, LEGAL MEANS FOR THE PREVENTION OF WATER POLLUTION, THE INTERNATIONAL LEGAL CONFERENCE ON DAMAGES INCURRED BY POLLUTION OF THE SEA, AND THE ROLE OF INDUSTRIALIZED AND DEVELOPING STATES. THE AUTHOR CONCLUDES THAT THE SLOWNESS WITH WHICH SOLUTION TO THE PROBLEM ARE FORTHCOMING CAN PROBABLY BE ATTRIBUTED MORE TO ECONOMIC, POLITICAL AND INSTITUTIONAL OBSTACLES THAN TO THE LACK OF SCIENTIFIC KNOW-HOW. HE FURTHER BELIEVED THAT, WHILE IT IS PRACTICALLY IMPOSSIBLE TO PUT AN END TO WATER POLLUTION, THERE ARE MEASURES THAT CAN BE TAKEN TO ESTABLISH A COMPATIBLE ENVIRONMENTAL BALANCE IN WHICH MODERN MAN CAN LIVE. THE TEXT IS COMPLEMENTED BY PERTINENT CHARTS, TABLES, AND DATA.

S AM
BRAZIL
LR(B)

"CLASSIFICATION OF BEACHES ESTABLISHED. REGULATIONS ESTABLISH CRITERIA."
O ESTADO DE SAO PAULO

PORTUGUESE 12/10/74 PGS 26 EPA ID# 02037H
ALSO PMB
WATER

IN VIEW OF INCREASING HEALTH HAZARDS DUE TO POLLUTION ALONG PUBLIC BEACHES IN BRAZIL, THIS NEWSPAPER ARTICLE REPRINTS AND DISCUSSES THE REGULATIONS ISSUED BY THE SPECIAL SECRETARIAT OF THE ENVIRONMENT REGARDING THE CLASSIFICATION OF BEACHES FOR RECREATIONAL PURPOSES. THESE REGULATIONS ARE THE FIRST TO BE PROMULGATED BY THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IN PURSUANCE OF DECREE NO. 73.030 OF OCT. 30, 1973, WHICH CREATED AND DEFINED THE FUNCTIONS OF THE SPECIAL SECRETARIAT. USING INTERNATIONALLY ACCEPTED METHODS FOR ANALYZING POLLUTION LEVELS, THE REGULATIONS PROVIDE FOR THE CLASSIFICATION OF BRAZILIAN BEACHES ACCORDING TO THEIR SUITABILITY FOR RECREATION AND BATHING. ALL BEACHES WILL, THEREFORE, BE PLACED INTO ONE OF SEVEN CATEGORIES RANGING FROM INAPPROPRIATE TO EXCELLENT. WHERE NECESSARY, FEDERAL OR LOCAL AUTHORITIES ARE EMPOWERED TO PROHIBIT BATHING IN POLLUTED AREAS. AREAS AFFECTED BY THE DISPOSAL OF SEWAGE MUST BE CLEARLY INDICATED BY THE RESPONSIBLE PARTY. FAILURE TO COMPLY MAY RESULT IN PENALTY.

BRAZIL
LR(B)

"LEGAL REPRESSION OF POLLUTION." SANEAMENTO, NO. 47, 1973
LEME MACHADO, PAULO AFFONSO
PORTUGUESE 12/00/73 PGS 14-21 EPA ID# 02557A
WATER AIR

THIS ARTICLE, PUBLISHED IN THE TECHNICAL AND INFORMATION JOURNAL OF THE BRAZILIAN DEPARTMENT OF SANITATION WORKS, PRESENTS AN ANNOTATED LIST AND GENERAL SURVEY OF BRAZILIAN LEGISLATION CONCERNED WITH THE PENAL AND JUDICIAL ASPECTS OF WATER AND AIR POLLUTION. THE ARTICLE DEALS MAINLY WITH FEDERAL LEGISLATION; HOWEVER, IT ALSO DISCUSSES POLLUTION LAWS AND RELATED ACTIVITIES IN THE STATE OF SAO PAULO, THE MOST INDUSTRIALIZED REGION OF THE COUNTRY. IN ADDITION, THE ARTICLE PROVIDES A COMPARATIVE SURVEY OF SIMILAR POLLUTION LAWS IN ITALY, JAPAN, ENGLAND AND THE UNITED STATES.

BRAZIL
LR(A)

"JANUARY 15, 1976 REGULATIONS ON WATER CLASSIFICATION..." DIARIO OFICIAL, NO. 16

PORTUGUESE 01/23/76 PGS 1076-77 EPA ID# 03046E
WATER

PURSUANT TO ENVIRONMENTAL LEGISLATION, THE BRAZILIAN MINISTER OF INTERIOR, UPON THE ADVICE OF THE SECRETARY OF THE ENVIRONMENT, HAS SIGNED INTO FORCE REGULATIONS ESTABLISHING THE FOLLOWING WATER CLASSIFICATIONS FOR THE INLAND WATERS OF BRAZIL: CLASS I WATERS ARE TO BE RESERVED EXCLUSIVELY FOR DOMESTIC SUPPLY; CLASS II WATERS ARE DESIGNATED FOR DOMESTIC SUPPLY AFTER CONVENTIONAL TREATMENT, FOR THE IRRIGATION OF FOOD CROPS, AND FOR SWIMMING; CLASS III WATERS ARE FOR DOMESTIC SUPPLY AFTER CONVENTIONAL TREATMENT, AND FOR SUSTAINING AQUATIC AND ANIMAL LIFE; AND CLASS IV WATERS MAY BE USED FOR DOMESTIC SUPPLY ONLY AFTER ADVANCED TREATMENT AND FOR COUNTRYSIDE USES, INDUSTRIAL SUPPLY, IRRIGATION AND LESS URGENT NEEDS. WATER QUALITY STANDARDS AND DISCHARGE EMISSION STANDARDS FOR EACH CLASS OF WATER ARE ALSO SPECIFIED. INDUSTRIES ARE REQUIRED TO REPORT ANNUALLY ON THE NATURE OF THEIR EFFLUENTS AND THE STATUS OF ANTI-POLLUTION MEASURES. FEDERAL AND STATE JURISDICIONS IN ENFORCING THESE REGULATIONS ARE ALSO SET FORTH.

S AM
BRAZIL
PM(B)

ANAIS DO I SIMPOSIO SOBRE POLUICAO AMBIENTAL; VOLUME 2: COMISSAO DE POLUICAO DO AR (ANNALS OF THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION; VOLUME 2: AIR POLLUTION COMMITTEE)
BRAZIL. CHAMBER OF DEPUTIES
EPA
PORTUGUESE 00/00/71 PGS 1-412 ID# 01506A
ALSO SE AND LRB
AIR RADIATION NOISE

THE SECOND IN A SERIES OF FIVE VOLUMES, PUBLISHED BY THE BRAZILIAN CHAMBER OF DEPUTIES ON THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION SPONSORED BY THE CHAMBER OF DEPUTIES AND HELD IN BRASILIA FROM AUG. 24-27, 1971, THIS VOLUME COVERS THE COMPOSITION, AGENDA, AND WORK OF THE AIR POLLUTION COMMITTEE. THE GREATER PART OF THE VOLUME CONTAINS TEXTS OF PAPERS SUBMITTED TO THE COMMITTEE. THE SUBJECTS AND TITLES OF THESE PAPERS INCLUDE: AIR POLLUTION; THE ADMINISTRATION AND CONSERVATION OF AIR RESOURCES; ACOUSTICS AND THE ENVIRONMENT; RESEARCH AND DEVELOPMENT AT THE AEROSPACE TECHNICAL CENTER AND ITS CONTRIBUTION TO LEGISLATION; THE DANGERS OF RADIATION; EDUCATIONAL ASPECTS OF POLLUTION CONTROL; THE CAMPAIGN AGAINST ENVIRONMENTAL POLLUTION; SOUND POLLUTION IN GUANABARA STATE; THE PROBLEM OF AIR POLLUTION IN SAO PAULO STATE AND ITS CONTROL; AUTOMOBILE POLLUTION AND ITS IMPLICATIONS FOR POLLUTION; RECOMMENDATIONS FOR AN ENVIRONMENTAL POLICY. THE VOLUME ALSO PRESENTS THE CONCLUSIONS AND RECOMMENDATIONS OF THE COMMITTEE.

BRAZIL
PM(B)

"CAMPINAS APPROVES INDUSTRIAL DISTRICT AND REJECTS POLLUTION." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 10/11/74 PGS 11 ID# 02333A
ALSO SE
AIR

ACCORDING TO THIS NEWSPAPER ARTICLE THE MUNICIPAL CHAMBER OF CAMPINAS, BRAZIL, HAS UNANIMOUSLY APPROVED A LAW TO CREATE AN INDUSTRIAL DISTRICT OUT OF EIGHT MILLION SQUARE METERS OF OTHERWISE UNUSABLE LAND IN THE SUBURB OF VIRACOPOS. THIS LAND WILL BE EXPROPRIATED AND SOLD BY THE MUNICIPAL DEVELOPMENT ENTERPRISE TO INTERESTED COMPANIES ON THE CONDITION THAT CONSTRUCTED INSTALLATIONS DO NOT POLLUTE THE AIR. THE PRIMARY INCENTIVE FOR INDUSTRIAL LOCATION IN THIS DISTRICT LIES IN ITS POTENTIAL. IT WILL HAVE CONVENIENT ACCESS TO A TRANSPORTATION NETWORK FOR SHIPMENT OF GOODS TO OTHER AREAS OF THE COUNTRY AND ABROAD. THE INDUSTRIAL DISTRICT WILL, IN FACT, BE A WELL PLANNED CITY WITH A CONTROLLED RATE OF GROWTH, ESPECIALLY SINCE ENVIRONMENTAL PROTECTION IS AN IMPORTANT CONSIDERATION IN THIS PART OF THE COUNTRY, WHICH HAS YET TO FEEL THE DETRIMENTAL EFFECTS OF POLLUTION.

S AM
BRAZIL
PM(B)

"TO REDUCE POLLUTION. STOPPING OF INDUSTRIES." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 12/31/74 PGS 20 ID# 02565A
ALSO LRB
AIR

IN VIEW OF INCREASING LEVELS OF AIR POLLUTION IN SAO PAULO, BRAZIL, THIS NEWSPAPER ARTICLE REPORTS ON THE PLANS OF THE STATE SUPERINTENDENT FOR ENVIRONMENTAL SANITATION (SUSAM) TO CONTROL AIR POLLUTION IN THE CITY AND STATE OF SAO PAULO DURING 1975. ONE OF THESE PLANS, THE GUIDE FOR DEVELOPING A SYSTEM OF CRITICAL POLLUTION EPISODE ALERTS, PROVIDES FOR THE TEMPORARY CLOSING OF INDUSTRIES DURING PERIODS OF EXCESSIVE ATMOSPHERIC POLLUTION. OTHER PLANS INCLUDE TAKING INVENTORIES OF AIR POLLUTION SOURCES, MORE DIRECT CONTROL OVER AIR POLLUTION SOURCES, ELABORATION OF SPECIFIC LEGISLATION ON THE SUBJECT, AND THE CREATION OF A NEW NETWORK OF MONITORING STATIONS. THE ARTICLE ALSO GIVES STATISTICS ON THE TOTAL NUMBER OF INDUSTRIAL ESTABLISHMENTS IN THE STATE AND THE NUMBER OF INDUSTRIES UNDER CONTROL OF SUSAM AS OF 1973. THE TOTAL NUMBER OF LEGAL ACTIONS AND RESEARCH PROJECTS AS CONTAINED IN SUSAM'S REPORT FOR 1971-1974 ARE ALSO CITED IN THIS ARTICLE.

BRAZIL
PM(A)

"INSTITUTE WILL CONTROL POLLUTION." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 02/06/75 PGS 21 ID# 02695A
ALSO PMB
AIR GENERAL

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN MINISTRY OF INDUSTRY AND COMMERCE WILL MAKE THE CONTROL OF INDUSTRIAL POLLUTION ONE OF THE SPECIFIC FUNCTIONS OF ONE OF ITS SUBORDINATE ENTITIES, THE NATIONAL TECHNOLOGICAL INSTITUTE. THE INSTITUTE WILL CONCENTRATE ON FINDING TECHNOLOGICAL SOLUTIONS TO COMBAT POLLUTION CAUSED BY INDUSTRIES BOTH ON A PREVENTIVE BASIS AND IN INSTANCES IN WHICH STATE OR MUNICIPAL AUTHORITIES HAVE THREATENED TO CLOSE DOWN EXCESSIVELY POLLUTING INDUSTRIES. THE MINISTRY WILL ALSO CONCENTRATE ON RECYCLING OF INDUSTRIAL WASTES AND WILL ATTEMPT TO CONSIDER ENVIRONMENTAL FACTORS IN ALL NEW PROJECTS AND ACTIVITIES UNDER ITS JURISDICTION. CITING AUTOMOBILES AS THE MAJOR CAUSE OF POLLUTION, THE MINISTRY HAS CONSULTED WITH THE AUTOMOBILE INDUSTRY RECOMMENDING VEHICLE SAFETY AND POLLUTION CONTROL AS PRIORITY RESEARCH AREAS.

S AM
BRAZIL
PM(A)

ANAIS DO I SIMPOSIO SOBRE POLUICAO AMBIENTAL... (ANNALS OF THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION: VOLUME 1: ORGANIZATION, CONFERENCES, LIST OF PARTICIPANTS, ETC.)
BRAZIL. CHAMBER OF DEPUTIES
EPA
PORTUGUESE 00/00/71 PGS 1-356 ID# 01507A
ALSO SE AND LRB
GENERAL

THE FIRST IN A SERIES OF FIVE VOLUMES, PUBLISHED BY THE BRAZILIAN CHAMBER OF DEPUTIES ON THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION, SPONSORED BY THE BRAZILIAN CHAMBER OF DEPUTIES AND HELD IN BRASILIA FROM AUG. 24-27, 1971. THIS VOLUME DETAILS THE PREPARATION, COMPOSITION, AND GENERAL WORK OF THE SYMPOSIUM. SUBSEQUENT VOLUMES DEAL RESPECTIVELY WITH AIR, WATER, AND SOIL POLLUTION, AND THE CONCLUSIONS AND EFFECTS OF THE SYMPOSIUM. THIS FIRST VOLUME COVERS IN PARTICULAR POLLUTION BILLS PRESENTED TO THE CHAMBER OF DEPUTIES, A CHRONICLE OF THE ACTIVITIES OF THE SPECIAL COMMITTEE ON ENVIRONMENTAL POLLUTION, THE PREPARATORY SESSION, PRESS COMMENT, THE ORGANIZATION, BYLAWS, AND SCHEDULE OF THE SYMPOSIUM, THE BACKGROUND OF THE PARTICIPANTS, AND THE TEXT OF MAJOR ADDRESSES TO THE SYMPOSIUM AND THE DISCUSSIONS THAT THE ADDRESSES GENERATED.

BRAZIL
PM(A)

ANAIS DO I SIMPOSIC SOBRE POLUICAO AMBIENTAL; VOLUME 3: COMISSAO DE POLUICAO DO SOLO (ANNALS OF THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION; VOLUME 3: SOIL POLLUTION COMMITTEE)
BRAZIL. CHAMBER OF DEPUTIES
EPA
PORTUGUESE 00/00/71 PGS 1-253 ID# 01508A
ALSO SE, LRB, AND ST
GENERAL PESTICIDES RADIATICN SOLID WASTE WATER AIR NOISE

THE THIRD IN A SERIES OF FIVE VOLUMES, PUBLISHED BY THE BRAZILIAN CHAMBER OF DEPUTIES ON THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION SPONSORED BY THE CHAMBER OF DEPUTIES AND HELD IN BRASILIA FROM AUG 24-27, 1971. THIS VOLUME COVERS THE COMPOSITION, AGENDA, AND WORK OF THE SOIL POLLUTION COMMITTEE. THE GREATER PART OF THE VOLUME IS DEVOTED TO THE TEXTS OF PAPERS SUBMITTED TO THE COMMITTEE. AMONG THEM ARE INCLUDED THE FOLLOWING SUBJECTS OR TITLES: SOIL POLLUTION BY PESTICIDES; FIGHTING ENVIRONMENTAL POLLUTION IN BRAZIL; AN URBAN SYSTEM FOR THE CONSERVATION OF THE ENVIRONMENT; ECOLOGICAL PROBLEMS OF THE SAO FRANCISCO RIVER; CURRENT REFUSE PROBLEMS IN THE WORLD; SUGGESTIONS FOR GOVERNMENT ACTION; AND A MAJOR PRESENTATION TITLED POLLUTION AND DEVELOPMENT. THIS PRESENTATION DISCUSSES FORMS OF POLLUTION (WATER, AIR, SOIL, RADIATION, NOISE, ESTHETICS), THEIR CAUSES AND EFFECTS; THE CORRELATION BETWEEN DEVELOPMENT AND ENVIRONMENTAL POLLUTION; AND RECOMMENDATIONS.

S AM
BRAZIL
PM(A)

"SEMA WILL CONSOLIDATE ENVIRONMENTAL LEGISLATION." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 08/10/74 PGS 15 ID# 02037F
GENERAL

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IS CONCLUDING THE TASK OF COMPILING ALL EXISTING ENVIRONMENTAL LAWS IN BRAZIL FROM WHICH INSIGHTS MAY BE GAINED FOR FORMULATING A COMPREHENSIVE NATIONAL ENVIRONMENTAL LAW. EFFICIENT OPERATION OF THE AGENCY CONTINUES TO BE HINDERED BY A LACK OF SPECIALIZED PERSONNEL DUE TO LOW SALARIES. IN ORDER TO REMEDY THIS PROBLEM, THE SECRETARY OF THE ENVIRONMENT, PAULO NOGUEIRA NETO, WILL SUBMIT A MANPOWER RESOURCES PLAN TO THE MINISTER OF INTERIOR FOR APPROVAL. ALSO MENTIONED IN THE ARTICLE IS THE OPENING OF THE FIRST ECOLOGICAL STATIONS AS PART OF THE NATIONAL NETWORK OF STATIONS TO MONITOR THE ENVIRONMENT AND TO CONDUCT ENVIRONMENTAL RESEARCH.

BRAZIL
PM(A)

SECRETARIA ESPECIAL DO MEIO AMBIENTE: PROGRAMA DE ACAO (SPECIAL SECRETARIAT OF THE ENVIRONMENT: PROGRAM OF ACTION)
BRAZIL. MINISTRY OF THE INTERIOR
EPA
PORTUGUESE 00/00/74 PGS 1-11 ID# 02037L
ALSO PMB AND SE
GENERAL

THIS PAMPHLET DISCUSSES THE FUNCTIONS, STRUCTURE AND OTHER ATTRIBUTES OF THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IN BRAZIL. AS DEFINED IN LAW NO. 73.030 OF OCTOBER 30, 1973, THE DUTIES OF SEMA ARE TO BE "ORIENTED TOWARDS ENVIRONMENTAL CONSERVATION AND RATIONAL USE OF NATURAL RESOURCES, WITHOUT AFFECTING THE SPECIFIC ATTRIBUTES OF OTHER MINISTRIES." THE EFFICIENCY OF SEMA'S OPERATIONS DEPENDS ON ITS COORDINATING RELATIONSHIPS WITH OTHER ORGANIZATIONS DIRECTLY RESPONSIBLE FOR ENVIRONMENTAL PROTECTION OR INDUSTRIAL DEVELOPMENT. SEEKING AN EQUITABLE BALANCE BETWEEN ENVIRONMENTAL AND ECONOMIC CONSIDERATIONS, SEMA COOPERATES WITH THE MANY NATIONAL, LOCAL, INTERNATIONAL, AND AUTONOMOUS ORGANIZATIONS LISTED IN THE PAMPHLET. SEMA IS ORGANIZED INTO THE FOLLOWING DIVISIONS: PLANNING AND ASSESSMENT COORDINATING AGENCY, REMOTE MONITORING DIVISION, POLLUTION CONTROL DIVISION, EDUCATION AND INFORMATION DIVISION, AND ECOSYSTEMS PROTECTION DIVISION. A CONSULTIVE COUNCIL AND ADMINISTRATIVE SUPPORT SERVICE ALSO ASSIST SEMA.

S AM
BRAZIL
PM(A)

"SEMA WILL ADVISE PRESIDENTIAL SECRETARIAT." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 05/13/75 PGS 19 ID# 02037M
GENERAL

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN SPECIAL SECRETARY OF THE ENVIRONMENT, ALTHOUGH DIRECTLY SUBORDINATE TO THE MINISTER OF INTERIOR, WILL NOT ACT IN AN ADVISORY CAPACITY TO THE PRESIDENTIAL PLANNING SECRETARIAT IN THE APPLICATION OF SPECIAL FUNDS TO PROJECTS AND PLANS INVOLVING ENVIRONMENTAL CONSERVATION AND USE OF NATURAL RESOURCES. THE ARTICLE ALSO MENTIONS OTHER FUNCTIONS OF SEMA, SUCH AS: ENVIRONMENTAL MONITORING, THE COORDINATION OF ENVIRONMENTAL ORGANIZATIONS, PROMOTION OF ENVIRONMENTAL STANDARDS, UPDATING REPORTS AND LISTS OF POLLUTING AGENTS, PUBLIC EDUCATION IN ENVIRONMENTAL MATTERS, AND TECHNICAL TRAINING AND RESEARCH IN ENVIRONMENTAL CONSERVATION.

BRAZIL
PM(A)

"ENVIRONMENTAL PROTECTION INVOLVES A POLITICAL DECISION." O ESTADO DE SAO PAULO
CAMARGO, ROBERTO
EPA
PORTUGUESE 06/08/75 PGS 47 ID# 02037N
ALSO LRB
GENERAL

THIS ARTICLE SUMMARIZES THE CURRENT RECOMMENDATIONS AND UNRESOLVED DIFFERENCES OF OPINION AMONG BRAZILIAN GOVERNMENT OFFICIALS REGARDING THE BEST WAY OF ACHIEVING ADEQUATE ENVIRONMENTAL PROTECTION. CONCLUSIONS OF THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION RECOGNIZE THE NEED FOR MONEY, ADEQUATE POLITICO-ADMINISTRATIVE STRUCTURE AND EXECUTIVE POWER IN ENVIRONMENTAL PROTECTION. ATTRIBUTES PRESENTLY LACKING IN THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA). IN DEVELOPING A FULL-SCALE COMMITMENT TO ENVIRONMENTAL PROTECTION, SEVERAL LEGISLATORS FAVOR THE CREATION OF AN ENVIRONMENTAL MINISTRY OR AN EXECUTIVE AGENCY, WHILE THE MINISTER OF INTERIOR AND THE SECRETARY OF THE ENVIRONMENT FAVOR THE ADMINISTRATIVE STRUCTURE PROVIDED FOR IN THE PRESENT ENVIRONMENTAL BILL, WHICH ASSIGNS TO STATE ENVIRONMENTAL AGENCIES THE CENTRAL ROLE IN ENVIRONMENTAL PROTECTION, WHILE ALLOWING SEMA TO CONTINUE ITS TRADITIONAL COORDINATING, ADVISORY AND CONTRACTUAL ROLE IN ENVIRONMENTAL AFFAIRS.

S AM
BRAZIL
PM(A)

"COMMISSION FOR PROGRAM ON THE ENVIRONMENT." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 10/16/74 PGS 15 ID# 02450A
GENERAL

THIS NEWSPAPER ARTICLE REPORTS THAT THE PRESIDENT OF BRAZIL HAS CREATED THE BRAZILIAN COMMISSION FOR THE MAN AND THE BIOSPHERE PROGRAM, UNDER THE MINISTRY OF EXTERIOR RELATIONS TO COORDINATE, PLAN AND SUPERVISE IN BRAZIL THE ACTIVITIES PROMOTED IN UNESCO'S MAN AND THE BIOSPHERE PROGRAM. THE TEN-MEMBER COMMISSION WILL CONSIST OF FOUR ECOLOGICAL EXPERTS AND REPRESENTATIVES FROM THE MINISTRY OF EXTERIOR RELATIONS, THE MINISTRY OF INTERIOR, THE NATIONAL RESEARCH COUNCIL, THE GEOGRAPHICAL AND STATISTICAL INSTITUTE, THE ACADEMY OF SCIENCES AND THE FOREST DEVELOPMENT INSTITUTE. FROM AMONG THESE MEMBERS, THE BRAZILIAN MINISTER OF STATE WILL APPOINT A PRESIDENT, VICE-PRESIDENT AND SECRETARY. THE PRESIDENT OF THE COMMISSION WILL CONVENE ORDINARY MEETINGS TWICE A YEAR. EXTRAORDINARY MEETINGS MAY BE CONVENED BY THE MINISTER OF STATE.

BRAZIL
PM(A)

ANAIS DO I SIMPOSIO SOBRE POLUICAO AMBIENTAL; VOLUME 4: COMISSAO DE POLUICAO DAS AGUAS (ANNALS OF THE 1ST SYMPOSIUM ON ENVIRONMENTAL POLLUTION; V. 4: WATER POLLUTION COMMITTEE)
BRAZIL. CHAMBER OF DEPUTIES
EPA
PORTUGUESE 00/00/71 PGS 1-268 ID# 00966A
ALSO SE AND LRB
WATER SOLID WASTE

THIS BOOK CONTAINS THE PROCEEDINGS OF THE WATER POLLUTION SESSIONS OF THE FIRST SYMPOSIUM ON ENVIRONMENTAL POLLUTION HELD IN BRASILIA IN AUGUST 1971. THE MINUTES OF THE TWO DISCUSSION GROUPS OF THE COMMITTEE ON WATER POLLUTION ARE INCLUDED AS WELL AS INDIVIDUAL PAPERS, MOST OF WHICH PRESENT PROPOSALS FOR COMBATTING POLLUTION. ONE RECOMMENDS GOVERNMENT INCENTIVES TO ENCOURAGE INDUSTRIES TO IMPROVE POLLUTION CONTROL; ANOTHER PROPOSES THE ESTABLISHMENT OF A NATIONAL LAW TO REGULATE THE ENVIRONMENT TO BE IMPLEMENTED BY A NATIONAL CONTROL COUNCIL FOR ENVIRONMENTAL POLLUTION; AND THREE DEAL WITH WATER POLLUTION PROBLEMS IN INDIVIDUAL AREAS OF BRAZIL. OTHER TOPICS COVERED ARE: WATER POLLUTION CAUSED BY SYNTHETIC DETERGENTS; TYPHOID FEVER AND INFECTIOUS HEPATITIS IN THE STATE OF GUANABARA; AND THE TREATMENT OF DOMESTIC SEWAGE. SOME ARTICLES CONTAIN MAPS, TABLES, GRAPHS, AND PICTURES.

S AM
BRAZIL
PM(A)

"SEMA WILL PROTECT ENVIRONMENTAL HEALTH." O ESTADO DE SAO PAULO

PORTUGUESE 10/10/74 PGS 27 EPA ID# 02037C
WATER AIR

THIS NEWSPAPER ARTICLE REPORTS ON A CEREMONY IN THE BRAZILIAN MINISTRY OF INTERIOR DURING WHICH THE SPECIAL SECRETARY OF THE ENVIRONMENT (SEMA) AND THE BRAZILIAN NATURE CONSERVATION FOUNDATION (FBCN) SIGNED AN AGREEMENT FOR MUTUAL ACTION IN CREATION OF ECOLOGICAL STATIONS, CONSERVATION OF NATURE AND PUBLICATION AND DISSEMINATION OF ENVIRONMENTAL MATERIAL FOR PUBLIC EDUCATION. ALSO DURING THIS CEREMONY THE MINISTER OF INTERIOR, RANGEL REIS, OUTLINED PLANS OF ACTION FOR IMPROVEMENT OF THE URBAN ENVIRONMENT IN WHICH THE SANITATION AND SUPPLY OF WATER AND THE REDUCTION OF AIR POLLUTION WILL BE PRINCIPAL CONSIDERATIONS. OTHER ORGANIZATIONS WHICH WILL WORK IN CLOSE COOPERATION WITH SEMA ON ENVIRONMENTAL MATTERS INCLUDE THE INDUSTRIAL DEVELOPMENT COUNCIL, THE NATIONAL COMMISSION ON METROPOLITAN REGIONS AND URBAN POLICY, AND THE VARIOUS STATE AND MUNICIPAL GOVERNMENTS.

BRAZIL
PM(B)

"CETESB WILL WORK OUTSIDE THE STATE." O ESTADO DE SAO PAULO

PORTUGUESE 10/05/74 PGS 10 EPA ID# 02037D
WATER

ACCORDING TO THIS NEWSPAPER ARTICLE, THE BRAZILIAN SPECIAL SECRETARY OF THE ENVIRONMENT (SEMA) HAS SIGNED A CONTRACT WITH THE STATE COMPANY OF BASIC SANITATION TECHNOLOGY OF THE STATE OF SAO PAULO (CETESB) TO CONDUCT WATER POLLUTION RESEARCH ALONG THE COASTAL AREAS OF SAO PAULO, AND IN AREAS OUTSIDE THE STATE SUCH AS IN THE CITIES OF BRASILIA AND SANTOS. TECHNICIANS FROM SEMA AND CETESB WILL RECEIVE TRAINING IN THE INSTITUTE OF SPACE RESEARCH TO UTILIZE SATELLITE TRANSMISSIONS IN DETECTING THE FLOW OF SEWAGE IN OCEAN CURRENTS AND THE PRESENCE OF ALGAE IN LAKES.

BRAZIL
PM(B)

"CONTROL OF POLLUTION IN THE NORTHEAST." O GLOBO

PORTUGUESE 07/23/74 PGS 6 EPA ID# 02084A
WATER AIR

THIS NEWSPAPER ARTICLE REPORTS THAT THE BRAZILIAN SECRETARY OF THE ENVIRONMENT AND THE SUPERINTENDENT OF DEVELOPMENT OF THE NORTHEAST (SUDENE) HAVE SIGNED AN AGREEMENT FOR COOPERATION IN THE CONTROL OF URBAN AND RURAL POLLUTION IN THE NORTHEASTERN PART OF BRAZIL. THE SUDENE REPORTS ITS ACTIVITIES IN THE AREA TO THE SECRETARY OF THE ENVIRONMENT WHO IN TURN HAS AGREED TO LEND ALL NECESSARY SUPPORT TO THE MEASURES ADOPTED BY SUDENE TO CONTROL POLLUTION OF THE AIR AND WATER. THE SECRETARY OF THE ENVIRONMENT HAS ALSO OBTAINED INFORMATION FROM THE STATE COMMISSION FOR CONTROL OF WATER POLLUTION AND FROM THE PORT AUTHORITY IN RECIFE ON THE PROGRAMS FOR CONTROLLING DISCHARGES INTO THE JABOATAO RIVER AND THE COASTAL WATERS OF THE STATE OF PERNAMBUCO.

S AM
BRAZIL
PM(8)

"WATER POLLUTION IS SERIOUS IN SAO PAULO." O ESTADO DE SAO PAULO

PORTUGUESE 08/14/74 PGS 14 EPA ID# 02393A
WATER

THIS NEWSPAPER ARTICLE REPORTS THAT PAULO NOGUEIRA NETO, THE BRAZILIAN SECRETARY OF THE ENVIRONMENT, HAS ACKNOWLEDGED THAT POLLUTED DRINKING WATER IN SAO PAULO IS ONE OF BRAZIL'S MOST SERIOUS HEALTH PROBLEMS. SUGGESTED SHORT-RANGE SOLUTIONS TO THIS PROBLEM LIE IN PUBLIC EDUCATION CAMPAIGNS RECOMMENDING THAT WATER DRAWN FROM WELLS BE BOILED BEFORE UTILIZATION, WHILE LONG-RANGE SOLUTIONS IMPLY AN AMPLIFICATION OF THE NATIONAL SANITATION PLAN IN ALL URBAN AREAS. MEANWHILE, THE STATE COMPANY OF BASIC SANITATION OF SAO PAULO (SABESP) HAS OPENED AN ADDITIONAL 32 KILOMETERS OF WATER SUPPLY CANALS COMPLETING MORE THAN HALF THE 2,800 KILOMETERS OF CANALIZATION ENVISAGED TO SERVE THE CITY WITHIN THE COMING YEAR. THIS WATER SUPPLY NETWORK IS PART OF THE MULTIANNUAL WORKS PROGRAM, MADE POSSIBLE BY TAPPING NEW SOURCES OF WATER WHICH NOW FURNISH THE CITY WITH AN ADDITIONAL 3,000 LITERS OF WATER PER SECOND. THE ARTICLE ALSO CITES NOGUEIRA NETO'S RECENT VISIT TO MEXICO DURING WHICH A BASIS WAS ESTABLISHED FOR EXCHANGES OF INFORMATION ON THE ENVIRONMENT.

BRAZIL
PM(8)

"BAHIA WILL HAVE ANTI-POLLUTION STATION." O GLOBO

PORTUGUESE 11/10/74 PGS 23 EPA ID# 02430A
WATER

THIS NEWSPAPER ARTICLE REPORTS THAT IN ANTICIPATION OF FUTURE PETROCHEMICAL INDUSTRIES IN THE BAHIA REGION OF BRAZIL, A SEWAGE TREATMENT COMPLEX WILL BE CONSTRUCTED NEXT YEAR IN THE MUNICIPALITY OF CAMACARI. THIS COMPLEX, IN CONJUNCTION WITH RIVER CANALIZATION PROJECTS, WILL BE ABLE TO TREAT BOTH DOMESTIC AND INDUSTRIAL SEWAGE, THEREBY ENSURING THAT THE ECOLOGICAL BALANCE OF THE REGION WILL REMAIN UNALTERED, AND THAT THE SAME RIVERS WHICH SERVE THE INDUSTRIES MAY ALSO CONTINUE TO BE USED AS A SOURCE OF WATER SUPPLY FOR THE CITY OF SALVADOR (CAPITAL OF THE STATE OF BAHIA). THE PROJECTS WILL AVOID THE DEVELOPMENTAL ERRORS RESPONSIBLE FOR ENVIRONMENTAL DAMAGE IN OTHER INDUSTRIALIZED AREAS OF THE COUNTRY. AFTER DESCRIBING THE FUNCTIONS OF THE TREATMENT STATION AND CANALIZATION WORKS, THE ARTICLE CONCLUDES THAT THIS SYSTEM WILL BE THE LARGEST AND MOST TECHNICALLY MODERN IN LATIN AMERICA, COVERING 250 THOUSAND SQUARE METERS AND REQUIRING 15,000 CUBIC METERS OF CONCRETE IN ITS CONSTRUCTION.

S AM
BRAZIL
PM(8)

"WASTE TREATMENT INCREASES INDUSTRIAL GAINS." O ESTADO DE SAO PAULO
EPA
PORTUGUESE 10/17/74 PGS 26 ID# 02533A
ALSO LAB AND SE
WATER

THIS NEWSPAPER ARTICLE DISCUSSES THE CURRENT SITUATION AND FUTURE PLANS CONCERNING THE CONTROL OF WATER POLLUTION IN THE STATE OF PARANA, BRAZIL. ALTHOUGH STILL COMPARATIVELY UNINDUSTRIALIZED, THE STATE OF PARANA AND ITS CAPITAL, CURITIBA, ARE BEGINNING TO EXPERIENCE THE UNDESIRABLE EFFECTS OF EXCESSIVE POLLUTION. THE GRADUAL DEPOLLUTION OF THE IGAUCU RIVER WILL BEGIN IN 1980 WITH THE COMPLETION OF A SEWAGE SYSTEM FOR TREATING DOMESTIC WASTES IN CURITIBA. PLANNING PROJECTS OF THE STATE WATER RESOURCES ADMINISTRATION FORESEE THE REDUCTION OF INDUSTRIAL POLLUTION IN THE STATE BY 50 PERCENT OVER THE NEXT TWO YEARS. THE MAJOR PART OF THE WORK OF THE WATER RESOURCES ADMINISTRATION DEALS WITH THE IMPLEMENTATION OF AN ECONOMICALLY VIABLE TECHNOLOGY OF INDUSTRIAL WASTE RECYCLING. THE ARTICLE ALSO CITES LAW 6,513 WHICH ESTABLISHES REGULATIONS AND PENALTIES CONCERNING POLLUTION AND WHICH SPECIFIES THAT INDUSTRIES ESTABLISHED WITHIN THE STATE MUST IMPLEMENT WASTE TREATMENT SYSTEMS AND MUST BE APPROVED BY THE WATER RESOURCES ADMINISTRATION.

BRAZIL
PM(8)

"POLLUTION OF THE SEAS." REVISTA MARITIMA BRASILEIRA, N. 7-9, 1974
MOSS GOULART, LUIZ OSCAR
EPA
PORTUGUESE 09/00/74 PGS 27-70 ID# 02553A
ALSO SE
WATER

THIS ARTICLE, PUBLISHED IN THE QUARTERLY MARITIME REVIEW OF THE BRAZILIAN MINISTRY OF THE NAVY, DISCUSSES MARINE POLLUTION IN GENERAL AND ANALYZES THE HISTORICAL AND SOCIO-ECONOMIC FACTORS RESPONSIBLE FOR THE INCREASING LEVELS OF MARINE POLLUTION THROUGHOUT THE WORLD. CHAPTER 1 DISCUSSES THE ORIGINS, INTENSITY AND EFFECTS OF MARINE POLLUTION. CHAPTER 2 DISCUSSES POLLUTION OF THE SEAS UNDER THE FOLLOWING CATEGORIES: DOMESTIC WASTES, PETROLEUM AND CHEMICAL PRODUCTS, DETERGENTS, RADIOACTIVE AND INORGANIC SUBSTANCES, THERMAL POLLUTION, AND POLLUTION BY MILITARY ACTIVITIES. CHAPTER 3 REVIEWS THE INTERNATIONAL EFFORTS TO PROTECT THE WORLD'S OCEANS, WHILE CHAPTER 4 CITES THE OBSTACLES TO SUCH INTERNATIONAL SOLUTIONS. CHAPTER 5 EXAMINES DOMESTIC AND INTERNATIONAL CRITERIA AFFECTING OFFICIAL BRAZILIAN POLICY CONCERNING THE CONTROL OF MARINE POLLUTION, AND CHAPTER 6 CONCLUDES THAT IN ORDER TO AVOID THE SERIOUS CONSEQUENCES OF MARINE POLLUTION, MORE INTERNATIONAL COOPERATION AND EFFORT ARE NEEDED.

S AM
BRAZIL
PM(A)

"COMMISSION FOR RESOURCES OF THE SEA." O GLOBO
EPA
PORTUGUESE 11/21/74 PGS 5 ID# 02584A
WATER

THIS NEWSPAPER ARTICLE MAKES REFERENCE TO A DECREE SIGNED NOVEMBER 20, 1974 BY PRESIDENT GEISEL OF BRAZIL NAMING THE NINE MEMBERS OF THE BRAZILIAN COMMISSION OF MARINE RESOURCES. THE COMMISSION, PRESIDED OVER BY THE MINISTER OF THE NAVY, IS RESPONSIBLE FOR THE STUDY AND COORDINATION OF MATTERS PERTAINING TO NATIONAL MARINE POLICY OF BRAZIL. THE PRIMARY OBJECTIVES OF THIS POLICY ARE THE PRESERVATION OF MARINE RESOURCES AND THE CONTROL OF MARINE POLLUTION. THE ARTICLE LISTS THE MEMBERS OF THE COMMISSION AS DESIGNATED BY THE DECREE.

BRAZIL
PM(B)

SOBRADINHO HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
EPA
ENGLISH 09/00/73 PGS 1-105 ID# 03467A
ALSO SE
WATER LAND USE

THIS IMPACT REPORT, PREPARED BY THE CARY ARBORETUM OF THE NEW YORK BOTANICAL GARDEN, WAS COMMISSIONED BY THE SAO FRANCISCO RIVER HYDROELECTRIC COMPANY OF BRAZIL TO EXPOSE AND CONSIDER THE ENVIRONMENTAL CONSEQUENCES OF THE VAST SOBRADINHO HYDROELECTRIC DEVELOPMENT PROJECT PLANNED FOR NORTHEASTERN BRAZIL. THE DAMMING OF THE SAO FRANCISCO RIVER AT SOBRADINHO WILL CREATE THE SECOND LARGEST LAKE IN LATIN AMERICA. THIS REPORT PROVIDES A BRIEF DESCRIPTION OF EXISTING HUMAN AND NATURAL ENVIRONMENTS IN THE AFFECTED REGION AND ATTEMPTS TO IDENTIFY THE POSSIBLE ENVIRONMENTAL IMPACT OF THE PROJECT. IT ALSO MAKES RECOMMENDATIONS DESIGNED TO MINIMIZE ADVERSE CONSEQUENCES CAUSED BY: THE RESETTLEMENT OF SOME 70,000 RIPARIAN INHABITANTS; INCREASED POTENTIAL FOR WATER RELATED DISEASES AND SANITATION PROBLEMS; MODIFIED FLORA AND FAUNA HABITATS; CLIMATIC MODIFICATION; POSSIBLE WATERSHED DAMAGE; AND OTHER ENVIRONMENTAL PROBLEMS RELATED TO THE CREATION OF THE NEW LAKE.

BRAZIL
ST( )

ECOLOGIA E POLUICAO: PROBLEMAS DO SECULO XX (ECOLOGY AND POLLUTION: PROBLEMS OF THE TWENTIETH CENTURY)
RANGEL ROAS HENRIQUE H. & COELHO PINTO A.
LOC
PORTUGUESE 05/00/72 PGS 323 ID# 01642A
AIR NOISE SOLID WASTE WATER

THIS BOOK IS A COMPILATION OF A WIDE RANGE OF ARTICLES RESULTING FROM A PROGRAM HELD FOR THE ENGINEERING CLUB AND FOR COPROC-MEC (CENTER FOR ORIENTATION AND PROTECTION, MINISTRY OF EDUCATION AND CULTURE). INCLUDED AMONG THE ARTICLES ARE THOSE HAVING TO DO WITH WATER POLLUTION, THE USE OF RADIOISOTOPES IN THE STUDY OF POLLUTION, INDUSTRIAL WASTE, SOUND POLLUTION IN LARGE CITIES, THE TREATMENT OF BIOLOGICALLY RESISTANT INDUSTRIAL RESIDUES, AND THE ACTION OF AIR POLLUTION ON WORKS OF ART.

S AN
BRAZIL
ST( )

CRESCIMENTO DEMOGRAFICO E POLUICAO DO MEIO AMBIENTE (DEMOGRAPHIC GROWTH AND THE POLLUTION OF THE AMBIENT ENVIRONMENT)
VAZ DA COSTA, RUBENS
EPA
PORTUGUESE 00/00/73 PGS 1-63 ID# 01498A
ALSO PMA
GENERAL AIR WATER

THIS BOOKLET, EDITED BY THE INFORMATION SECTION OF THE BENCO NACIONAL DA HABITACAO, EXAMINES THE INTERACTION OF INCREASING POPULATION, INDUSTRIAL AND ECONOMIC DEVELOPMENT, AND ENVIRONMENTAL POLLUTION. REFUTING THE NOTION THAT MODERN INDUSTRIALIZED SOCIETIES ARE HEADED FOR DISASTER, IT CLAIMS POLLUTION WAS MORE SEVERE A CENTURY AGO AND THAT ECONOMIC DEVELOPMENT HAS SUCCEEDED IN REDUCING THE LEVEL OF POLLUTION THAT FOLLOWED THE INDUSTRIAL REVOLUTION. THE ECONOMIC PROBLEM OF POLLUTION IS SUMMED UP AS THE DICHOTOMY ARISING FROM SOCIAL COSTS AND PRIVATE REWARD; MITIGATING THIS DICHOTOMY IS THE CAPABILITY OF INDUSTRIALIZED SOCIETIES TO RESTORE THE AMBIENT ENVIRONMENT AND TO AVOID INCREASES IN POLLUTION IN THE FUTURE. A LOWER RATE OF DEMOGRAPHIC GROWTH WILL ALSO PERMIT MORE RESOURCES TO BE INVESTED IN IMPROVING THE QUALITY OF BRAZILIAN LIFE INCLUDING POLLUTION CONTROL. THE TEXT IS REPLETE WITH TABLES AND GRAPHS.

CHILE
LR(A)

"MAY 2, 1961 DECREE NO. 144 SETTING REGULATIONS FOR THE PREVENTION OF EMISSION FORMATION OF ANY TYPE OF ATMOSPHERIC POLLUTANTS." RECOPILACION DE REGLAMENTOS, V. 14.
EPA
SPANISH 00/00/61 PGS 1333-35 ID# 01680A
AIR

THIS DECREE CALLS FOR THE TRAPPING OR REMOVAL OF GASES, VAPORS, SMOKE, DUST, OR OTHER POLLUTANTS RELEASED FROM ANY FACTORY OR WORKPLACE IN SUCH MANNER AS TO PREVENT DANGER, DAMAGE, OR NUISANCE. IT REQUIRES APPROVAL BY THE NATIONAL HEALTH SERVICE (NHS) OF CENTRAL HEATING PLANTS MAKING USE OF SOLID OR LIQUID FUELS. APPROVAL IS SIMILARLY REQUIRED FOR INCINERATORS. THE DECREE ALSO MAKES MANDATORY A CERTIFICATE OF COMPETENCE FROM THE NHS FOR PERSONS ENGAGED IN THE OPERATION OF COMBUSTION-HEATING PLANTS AND INCINERATORS. FURTHER, THE DECREE PROHIBITS THE OPERATION OF ANY MOTOR VEHICLE WHICH EMITS VISIBLE SMOKE FROM ITS EXHAUST PIPE. THE NHS IS RESPONSIBLE FOR DETERMINING THE DANGER OF POLLUTANTS DISCHARGED INTO THE ATMOSPHERE, SETTING MAXIMUM PERMISSIBLE CONCENTRATIONS OF AIR POLLUTANTS, ESTABLISHING METHODS OF POLLUTION ANALYSIS, SPECIFYING MEASURES TO AVOID AIR-POLLUTION DANGERS, AND ENSURING ADHERENCE TO THE DECREE (ALTHOUGH THE POLICE ARE RESPONSIBLE FOR REPORTING MOTOR-VEHICLE VIOLATIONS AND TRASH BURNINGS).

S AM
CHILE
LR(A)

"JULY 2). 1970 DECREE NO. 507 ESTABLISHING A NATIONAL COMMISSION TO STUDY ENVIRONMENTAL POLLUTION AFFECTING THE COUNTRY." INT. DIG. OF HLTH. LEG.. V. 24.
WORLD HEALTH ORGANIZATION. COMP. EPA
ENGLISH 00/00/73 PGS 125 ID# 01678A
GENERAL

THIS DECREE PROVIDES FOR THE ESTABLISHMENT OF A NATIONAL COMMITTEE ON ENVIRONMENTAL POLLUTION RESPONSIBLE FOR ADVISING THE GOVERNMENT, THROUGH THE INTERMEDIARY OF THE MINISTRY OF PUBLIC HEALTH, ON THE PLANNING AND COORDINATION OF POLICY TO COMBAT ENVIRONMENTAL POLLUTION IN CHILE (THIS DECREE WAS IMPLEMENTED AND DEFINED IN MORE DETAIL BY THE APRIL 26, 1971 DECREE NO. 315.) THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL DE LA REPUBLICA DE CHILE, AUG. 3, 1970, P. 2691.

CHILE
LR(A)

"APRIL 26, 1971 DECREE NO. 315 APPOINTING THE NATIONAL ENVIRONMENTAL POLLUTION COMMITTEE . . ." FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 12/00/71 PGS 55-57 ID# 01678B
GENERAL

THIS DECREE ESTABLISHES A PERMANENT NATIONAL COMMITTEE ON ENVIRONMENTAL POLLUTION (PROVIDED FOR BY THE JULY 20, 1970 DECREE NO. 507) TO ADVISE THE GOVERNMENT ON THE PLANNING AND COORDINATION OF POLICY BY THE VARIOUS MINISTRIES IN REGARD TO ALL ASPECTS OF POLLUTION. TO BE CHAIRED BY THE MINISTER OF PUBLIC HEALTH, THE COMMITTEE IS RESPONSIBLE FOR: ASSESSMENT OF ENVIRONMENTAL POLLUTION, RECOMMENDATION OF MEASURES FOR EFFECTIVE INTRA-GOVERNMENTAL TRAINING, ENCOURAGEMENT OF SCIENTIFIC RESEARCH, DESIGN OF PROGRAMS FOR THE USE OF AVAILABLE MATERIAL RESOURCES, PUBLIC INFORMATION PROGRAMS ON THE DANGERS OF ENVIRONMENTAL POLLUTION, AND THE CALLING TO THE ATTENTION OF THE NATIONAL PLANNING OFFICE THE COMMITTEE'S SHORT- AND LONG-TERM PROGRAMS SO THAT THE NPO CAN COORDINATE THEM WITH NATIONAL ECONOMIC AND SOCIAL PROGRAMS. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL DE LA REPUBLICA DE CHILE, MAY 14, 1971, P. 1747-1748.

CHILE
LR(A)

"SEPTEMBER 22, 1964 ACT NO. 15.073 REGULATING PESTICIDES AND LAYING DOWN RULES FOR THE USE THEREOF." FOOD AND AGRICULTURAL LEGISLATION, V. 19.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 00/00/65 PGS 1-3 ID# 01679A
PESTICIDES

THIS ACT REQUIRES THAT THE MANUFACTURERS AND IMPORTERS OF PESTICIDES MUST HAVE THEIR NAMES ENTERED IN A SPECIAL REGISTER AND THAT THESE PERSONS MAY NOT DEAL IN ANY PRODUCTS OTHER THAN THOSE AUTHORIZED BY THE DEPARTMENT FOR THE PROTECTION OF AGRICULTURE AFTER CONSULTATION WITH THE NATIONAL HEALTH SERVICE. THE ACT FURTHER STIPULATES THAT EVERY PESTICIDE, WHEN SOLD, MUST HAVE A LABEL ON IT LISTING INFORMATION PRESCRIBED BY THE MINISTER OF AGRICULTURE AND BY THE MINISTER OF PUBLIC HEALTH. THE ACT STATES THAT ALL DISEASES AFFECTING WORKERS AS A RESULT OF PESTICIDE USE IN AGRICULTURE ARE TO BE REGARDED AS OCCUPATIONAL ILLNESSES, THUS QUALIFYING AFFLICTED WORKERS TO COMPENSATION IN ACCORDANCE WITH EXISTING LEGISLATION. THE OFFICIAL VERSION OF THIS ACT APPEARS IN DIARIO OFICIAL DE LA REPUBLICA DE CHILE, OCT. 1, 1964, P. 2577-2578.

S AM
CHILE
LR(A)

"APRIL 13, 1951 WATER CODE NO. 9.909." DIARIO OFICIAL.
EPA
SPANISH 05/28/51 PGS 1232/1246 ID# 01812A
WATER

THIS LAW BY THE MINISTER OF JUSTICE STATES THAT WATER WHICH RUNS IN NATURAL WATERCOURSES IS NATIONAL PROPERTY AND DELINEATES A LANDOWNER'S RIGHTS OVER USE OF SUCH WATER. THE USE OF THE WATER, IF NOT FOR DOMESTIC PURPOSES (INCLUDING USE FOR DRINKING AND SANITARY PURPOSES), IS PERMITTED ONLY AFTER A GRANT BY PUBLIC AUTHORITIES DEFINING THE QUANTITY AND QUALITY OF THE WATER AND OTHER REQUISITES HAS BEEN CONCEDED. THE LAW INCLUDED PROVISIONS ON WATER USE GRANTS FOR RAILROADS, SALTPETER PROCESSING, IRRIGATION, MOTORIZED POWER, INDUSTRY, AND FOR MEDICINAL AND MINERAL-MEDICINAL PURPOSES. ALSO INCLUDED IS INFORMATION ON THE ASSESSMENT AND REGISTRATION OF WATER, FINES FOR MISUSE, GENERAL WATER JUDGMENTS, AND THE ROLE OF THE CANAL ASSOCIATIONS AND WATER COMMUNITIES. THE OFFICE OF THE GENERAL DIRECTOR OF WATER AND THE DEPARTMENT OF IRRIGATION ARE IN CHARGE OF CARRYING OUT THE LAW.

COLOMBIA
LR(A)

"MAY 27, 1953 DECREE NO. 1371 EMBODYING THE NATIONAL HEALTH CODE."
INT. DIG. OF HLTH. LEG., V. 5.
WORLD HEALTH ORGANIZATION. COMP.
EPA
ENGLISH 00/00/54 PGS 595-603 ID# 01681A
GENERAL WATER AIR SOLID WASTE

THIS DECREE EMBODYING THE COMPREHENSIVE NATIONAL HEALTH CODE COVERS IN PART I THE WATER SUPPLY SYSTEM, WATER POLLUTION, WASTEWATER TREATMENT, DISPOSAL OF LIQUID REFUSE IN LOCALITIES HAVING A SEWERAGE SYSTEM AND TREATMENT PLANTS, AND PUBLIC SANITARY SERVICE. OTHER MAJOR AREAS OF THE HEALTH CODE, PROMULGATED BY THIS DECREE, PERTINENT TO ENVIRONMENTAL PROTECTION COVER: SOLID WASTE (PART II AND THE PREVENTION OF ATMOSPHERIC POLLUTION (PART XII). THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, JUNE 23, 1953, P. 1269-1289.

COLOMBIA
LR(A)

"MAY 18, 1955 RESOLUTION NO. 646 J, PRESCRIBING REGULATIONS FOR INSECTICIDES."
INT. DIG. OF HLTH. LEG., V. 7.
WORLD HEALTH ORGANIZATION. COMP.
EPA
ENGLISH 00/00/56 PGS 370 ID# 01683A
PESTICIDES

THIS REGULATION SETS UP A SYSTEM FOR LICENSING THE IMPORTATION, MANUFACTURE, AND SALE OF INSECTICIDES AND RODENTICIDES. COMPULSORY WARNING LABELS MUST BE AFFIXED TO CONTAINERS OF THESE PRODUCTS. THE OFFICIAL VERSION OF THIS RESOLUTION APPEARS IN DIARIO OFICIAL, AUG. 20, 1955, P. 683.

S AM
COLOMBIA
LR(A)

"DECEMBER 22, 1967 RESOLUTION NO. 1304 . . . ESTABLISHING . . . TOXICOLOGICAL CLASSIFICATION . .. AND RULES . . . IN THE TRANSPORT OF PESTICIDES." INT. DIG. OF HLTH. LEG. V. 21
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/70 PGS 277-279 ID# 01684A
PESTICIDES

THIS RESOLUTION BY THE MINISTER OF PUBLIC HEALTH AND THE MINISTER OF DEVELOPMENT CLASSIFIES PESTICIDES ACCORDING TO THEIR TOXICITY (HIGH, MEDIUM, AND LOW) INTO THREE CLASSES. IT PROHIBITS THE TRANSPORT OF PESTICIDES UNLESS PRESCRIBED CONDITIONS REGARDING PACKAGING, SEALING, AND LABELING ARE MET. THE STORAGE OR SALE OF PESTICIDES IN PREMISES WHERE FOODSTUFFS, BEVERAGES, OR CLOTHING ARE MANUFACTURED, STORED, OR SOLD IS LIKEWISE PROHIBITED. THE SALE TO THE PUBLIC OF PESTICIDES CONTAINING DIFFERENT ACTIVE INGREDIENTS UNDER A SINGLE COMMERCIAL NAME IS PROSCRIBED AS WELL AS THE USE OF DIFFERENT COMMERCIAL NAMES FOR PRODUCTS FROM ONE ENTERPRISE AND WHICH CONTAIN ONE AND THE SAME ACTIVE INGREDIENT. THE DECREE REQUIRES REGISTRATION BY THE DEPARTMENT OF AGRICULTURE OF PERSONS SELLING OR DISTRIBUTING PESTICIDES, PRESENTATION BY THE BUYER OF A PURCHASE AUTHORIZATION FROM THAT DEPARTMENT, AND THAT PESTICIDES HAVE CONTAINERS WITH A MAXIMUM CAPACITY OF 5 LITERS OR 5 KILOGRAMS. PHARMACIES MUST STOCK ANTIDOTES AGAINST PESTICIDE POISONING.

COLOMBIA
LR(A)

"MAY 26, 1969 DECREE NO. 843 EMBODYING PROVISIONS FOR THE CONTROL OF INDUSTRY AND TRADE IN . . . PESTICIDES FOR AGRICULTURAL USE, DEFOLIANTS . . ." INT. DIG. OF HLTH. LEG.
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/72 PGS 59-60 ID# 01685A
PESTICIDES WATER

THIS DECREE GOVERNS THE TRADE IN MANURES OR FERTILIZERS, SOIL DRESSINGS AND CONDITIONERS, ANIMAL FEEDING STUFFS, PESTICIDES FOR AGRICULTURAL USE, DEFOLIANTS, PLANT GROWTH REGULATORS AND PHARMACEUTICAL PREPARATIONS AND BIOLOGICAL PRODUCTS FOR VETERINARY USE. IT REQUIRES PERSONS AND FIRMS PRODUCING OR IMPORTING PESTICIDES TO REGISTER WITH THE COLOMBIAN AGRICULTURAL AND LIVESTOCK INSTITUTE. THE PRODUCTS ARE LIKEWISE SUBJECT TO REGISTRATION. THE MINISTRY OF PUBLIC HEALTH IS AUTHORIZED TO SET NECESSARY PREVENTIVE MEASURES FOR CONTROLLING THE HAZARDS TO THE HEALTH OF PERSONS AND THE COMMUNITY ASSOCIATED WITH THE PRODUCTION, DISTRIBUTION, TRANSPORT, SALE AND USE OF PRODUCTS GOVERNED BY THIS DECREE. WATERCOURSES AND WATER BODIES FOR HUMAN OR ANIMAL USE OR OF ECONOMIC VALUE MUST NOT BE CONTAMINATED BY TOXIC WASTES FROM THE PRODUCTION OR USE OF PESTICIDES. AERIAL APPLICATION OF HIGHLY TOXIC PESTICIDES IS PERMITTED ONLY OVER RURAL AREAS. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, JUNE 23, 1969, P. 787-788.

S AM
COLOMBIA
LR(A)

"MAY 7, 1953 DECREE NO. 1183 RELATING TO THE TECHNICAL SUPERVISION OF WATERWORKS." INT. DIG. OF HLTH. LEG., V. 5.
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/54 PGS 594 ID# 01682A
WATER

THIS DECREE DIRECTS THAT THE TECHNICAL SUPERVISION EXCERCISED DURING THE PLANNING, CONSTRUCTION AND OPERATION OF ALL WATERWORKS BE CARRIED OUT BY THE MINISTRY OF PUBLIC HEALTH. THE MINISTRY MUST APPROVE THE CONSTRUCTION, EXTENSION, AND ALTERATION OF PURIFICATION AND FILTRATION PLANTS. THE DECREE FURTHER PROVIDES THAT ALL WATERWORKS BE CLASSIFIED ACCORDING TO THEIR INSTALLATIONS, PURIFICATION METHODS, AND THE NUMBER OF PERSONS SERVED BY THESE WORKS. THE DECREE ALSO INSTITUTES TRAINING COURSES FOR WATERWORKS OPERATORS. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, MAY 21, 1953, P. 717-718.

ECUADOR
LR(A)

"FEBRUARY 4, 1971 SUPREME DECREE NO. 188 ISSUING THE HEALTH CODE." FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 12/00/71 PGS 58-60 ID# 01686A
GENERAL AIR WATER PESTICIDES RADIATION

THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION. BOOK II OF THE DECREE DEALS, AMONG OTHER THINGS, WITH AIR AND WATER POLLUTION, THE COLLECTION AND DISPOSAL OF WASTES, RADIATION, AND PESTICIDES. THE DECREE BANS THE DISCHARGE INTO THE AIR, SOIL, OR WATER OF SOLID, LIQUID, OR GASEOUS WASTES NOT PREVIOUSLY RENDERED HARMLESS; IT BANS THE CONTAMINATION OR OBSTRUCTION OF WATER SOURCES. IT REQUIRES MUNICIPAL AUTHORITIES TO PROVIDE FOR THE COLLECTION AND DISPOSAL OF WASTES. FURTHER, THE DECREE ASSIGNS TO THE HEALTH AUTHORITY RESPONSIBILITY FOR CARRYING OUT CONTROL MEASURES TO REDUCE IONIZING RADIATION LEVELS TO SAFE LIMITS. IT SPECIFIES RULES FOR PACKAGING AND LABELING PESTICIDES. (DIARIO OFICIAL, FEB 8,'71)

S AN
ECUADOR
LR(A)

"NOVEMBER 4, 1966 ORDER NO. 222 REGULATING THE SALE AND USE OF PESTICIDES."
FOOD AND AGRICULTURAL LEGISLATION, V. 18.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 00/00/69 PGS 1-4 ID# 01688A
PESTICIDES

THIS ORDER REQUIRES IMPORTERS AND DISTRIBUTORS OF PESTICIDES AND SPECIFIED ALLIED PRODUCTS TO REGISTER EACH SUCH PRODUCT WITH THE MINISTRY OF AGRICULTURE AND ANIMAL HUSBANDRY. THE ORDER ALSO SETS PROCEDURES FOR THE REGISTRATION OF THE PRODUCTS THEMSELVES WITH THE MINISTRY. THE IMPORTATION OF PESTICIDES IS SUBJECT TO THEIR PRIOR REGISTRATION. THE MINISTRY IS AUTHORIZED TO REQUIRE THAT THESE PRODUCTS BE TESTED OR ANALYZED PRIOR TO REGISTRATION. FOR SALE IN SMALL AMOUNTS, PESTICIDES MUST BE REPACKAGED IN APPROPRIATE, SECURE, AND HERMETICALLY SEALED CONTAINERS AND LABELED TO INCLUDE THE REGISTRATION NUMBER, TRADE NAME, THE WORD "POISON" IN THE CASE OF HIGHLY TOXIC SUBSTANCES, THE APPROPRIATE ANTIDOTE, AND OTHER SPECIFIED DATA. THE MINISTRY OF AGRICULTURE AND ANIMAL HUSBANDRY WILL MAINTAIN A REGISTRY LISTING VARIOUS DATA CONCERNING THE IMPORTER, EXPORTER, AND VENDOR, AND THE PRODUCT ITSELF. THE OFFICIAL TEXT OF THIS ORDER APPEARS IN REGISTRO OFICIAL, SEPT. 7, 1967, P. 1791-1792.

ECUADOR
LR(A)

"MAY 18, 1972 WATER LAW NO. 369." REGISTRO OFICIAL, NO 69.
EPA
SPANISH 05/30/72 PGS 1-9 ID# 01687A
WATER

ARTICLE 22 OF THIS GENERAL WATER LAW, APPLICABLE TO SURFACE, GROUND, AND TERRITORIAL WATERS, FORBIDS ANY CONTAMINATION OF WATERS THAT AFFECTS HUMAN HEALTH OR THE GROWTH OF FLORA AND FAUNA. THE ECUADORIAN INSTITUTE OF HYDRAULIC RESOURCES IN COLLABORATION WITH THE MINISTRY OF PUBLIC HEALTH AND OTHER STATE BODIES IS RESPONSIBLE FOR CARRYING OUT THIS PROVISION.

ECUADOR
PM(B)

REPORT ON THE PROBLEMS OF THE HUMAN ENVIRONMENT IN ECUADOR
EPA
SPANISH 00/00/71 PGS 1-40 ID# 02649A
ALSO SE
GENERAL

THIS REPORT, PRESENTED TO THE UNITED NATIONS CONFERENCE ON THE HUMAN ENVIRONMENT IN STOCKHOLM, DESCRIBES THE PRINCIPAL PROBLEMS OF THE HUMAN ENVIRONMENT IN ECUADOR AND DISCUSSES THE PROPOSED PLANS AND POLICIES FOR THE SOLUTION OF THESE PROBLEMS. ALTHOUGH THERE IS FELT TO BE INSUFFICIENT DATA FOR FORMULATING DEFINITE PLANS, THE REPORT NEVERTHELESS DISCUSSES ECUADOR'S PRINCIPAL DEMOGRAPHIC CHARACTERISTICS AND THEIR RELATIONSHIP TO THE HUMAN ENVIRONMENT. THE REPORT ALSO PROVIDES A GENERAL SURVEY OF THE PHYSICAL CHARACTERISTICS AND NATURAL RESOURCES OF THE COUNTRY AND OUTLINES THE RECOMMENDED NATIONAL POLICY FOR IMPROVEMENT OF THE HUMAN ENVIRONMENT. THE LAST CHAPTER OF THE REPORT LISTS AND SUMMARIZES THE ENVIRONMENTAL LAWS CURRENTLY IN FORCE, INCLUDING THE MOST RECENT, THE HEALTH CODE OF 1971, WHICH CONTAINS PROVISIONS CONCERNING ENVIRONMENTAL POLLUTION.

S AM
PERU
LR(A)

"APRIL 30, 1962 SUPREME RESOLUTION NO. 193: REGULATIONS ON THE IMPORT AND SALE OF AGRICULTURAL PESTICIDES . . ." FOOD AND AGRICULTURAL LEGISLATION, V. 12.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 00/00/64 PGS 1-12 ID# 01689A
PESTICIDES

THIS RESOLUTION REQUIRES THAT THE EXPORT AND SALE OF AGRICULTURAL PESTICIDES AND SIMILAR SUBSTANCES BE SUBJECT TO THE PRIOR AUTHORIZATION OF THE AGRICULTURAL INSPECTION AND CONTROL DIRECTORATE. THE PROVISIONS OF THIS RESOLUTION COVER THE FUNCTIONS AND RESPONSIBILITIES OF THE TECHNICAL ADVISORS, THE MAINTENANCE OF REGISTERS AND THE ENTRY OF PESTICIDES, PROCEDURES FOR REQUESTING THE ENTRY OF PESTICIDES, REQUIREMENTS FOR ENTRY AND THE USE OF EXPERIMENTAL PRODUCTS, INFORMATION TO BE PLACED ON THE LABELS AND ON ADVERTISING MATERIAL, THE CONTROL AND INSPECTION OF PESTICIDES, AND VIOLATIONS AND PENALTIES. THE OFFICIAL TEXT OF THIS RESOLUTION APPEARS IN EL PERUANO, JUNE 5, 1962, P. 3.

PERU
LR(A)

"FEBRUARY 4, 1965 SUPREME DECREE TO APPROVE THE REGULATIONS . . . SANITARY CONTROL OF THE CONTAMINATION . . . OF NATURAL WATERCOURSES." INT. DIG. OF HLTH. LEG., V. 17.
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/66 PGS 354-360 ID# 01690A
WATER SOLID WASTE

THIS DECREE SPECIFIES THAT EFFLUENTS EMANATING FROM SEWER SYSTEMS, INDUSTRIAL LIQUID WASTES, AND SOLID RESIDUES FROM HOUSEHOLD OR INDUSTRIAL ORIGIN MAY BE DISCHARGED INTO WATERCOURSES ONLY AFTER THEY HAVE BEEN TREATED IN SUCH MANNER TO PREVENT THE POLLUTION OF THE RECEIVING WATERS. IT ALSO STATES THAT THE MINISTRY OF PUBLIC HEALTH AND SOCIAL WELFARE SHALL THROUGH THE INTERMEDIARY OF ITS TECHNICAL OFFICES OF ENVIRONMENTAL HEALTH CLASSIFY THE COUNTRY'S WATERCOURSES ACCORDING TO THE CRITERIA ESTABLISHED BY THIS DECREE. THE DISCHARGE OF WASTEWATERS OR SOLID WASTES INTO WATERCOURSES IS NOT PERMITTED WITHOUT EXPRESS AUTHORIZATION FROM THE GENERAL DIRECTORATE OF HEALTH; DISPOSAL AND TREATMENT PLANS ALSO REQUIRE APPROVAL BY THAT DIRECTORATE. MUNICIPAL COUNCILS ARE LIKEWISE SUBJECT TO THIS PROVISION. THE DECREE ALSO COVERS THE DISCHARGE OF METALLIC WASTES BY MINING ENTERPRISES. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN EL PERUANO, FEB. 22, 1965, P. 1 AND 3.

S AM
PERU
LR(A)

"FEBRUARY 11, 1965 SUPREME DECREE NO. 38-65-DGS TO SUPPLEMENT . . . THE REGULATIONS FOR THE SANITARY CONTROL OF BEACHES . . ." INT. DIG. OF HLTH. LEG., V. 17.
WORLD HEALTH ORGANIZATION. COMP. EPA
ENGLISH 00/00/66 PGS 377 ID# 01691A
WATER

THIS DECREE SUPPLEMENTS THE PROVISIONS OF THE OCT. 7, 1960 SUPREME DECREE REGULATING THE SANITARY CONTROL OF BEACHES AND ANCILLARY ESTABLISHMENTS. THE DECREE STATES THAT HEALTH REGIONS COMPRISED OF COASTAL STRETCHES ARE RESPONSIBLE FOR CONTROLLING THE DISCHARGE OF INDUSTRIAL EFFLUENTS INTO THE SEA, THROUGH THE INTERMEDIARY OF THE COMPETENT TECHNICAL OFFICE FOR ENVIRONMENTAL HEALTH. IT REQUIRES INDUSTRIAL PLANTS TO TREAT THEIR EFFLUENTS BEFORE DISCHARGING THEM ONTO THE BEACHES AND TO DISCHARGE THEM INTO THE SEA IN SUCH A MANNER TO REDUCE TO A MINIMUM THEIR HARMFULNESS. THE DECREE ALSO STIPULATES THE TECHNICAL REQUIREMENTS FOR THE TREATMENT OF EFFLUENTS. PLANS FOR INDUSTRIAL DISCHARGE INTO THE SEA OR THE ESTUARIES OR FOR THE TREATMENT OF THESE WASTES PRIOR TO DISCHARGE MUST BE APPROVED BY THE GENERAL DIRECTORATE OF HEALTH ON THE BASIS OF A REPORT FROM THE APPROPRIATE TECHNICAL OFFICE AND FROM THE DIVISION OF ENVIRONMENTAL HYGIENE. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN EL PERUANO, FEB. 25, 1965, P. 1.

PERU
LR(A)

"JULY 24, 1969 DECREE-LAW NO. 17.752: GENERAL WATER ACT." FOOD AND AGRICULTURAL LEGISLATION, V. 19.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 06/00/70 PGS 1-30 ID# 01692A
WATER

ARTICLES 22 THROUGH 25 (CHAPTER II) OF THIS GENERAL ACT CONCERN THE PRESERVATION OF WATER RESOURCES FROM CONTAMINATION. THEY PROHIBIT THE DISCHARGE OR DISPOSAL OF ANY SOLID, LIQUID, OR GASEOUS WASTES THAT MAY POLLUTE WATERS, THEREBY CAUSING DAMAGE OR ENDANGERING HUMAN HEALTH OR THE NATURAL GROWTH OF FLORA AND FAUNA, OR JEOPARDIZING THE USE OF WATER FOR OTHER PURPOSES. THESE WASTES MAY BE DISCHARGED ONLY IF THEY HAVE BEEN SUBJECTED TO NECESSARY TREATMENT. IF THE CONDITIONS OF THE CONTAINING FEATURE DEMONSTRABLY PERMIT NATURAL PURIFICATION, IF THE DUMPING OF WASTES INTO THE SEA DOES NOT PREJUDICE THE LATTER'S USE, OTHERWISE ONLY AS PROVIDED IN THESE REGULATIONS. HEALTH AUTHORITIES SHALL APPLY MEASURES FOR ENFORCEMENT AND, IF POLLUTION IS UNAVOIDABLE, WITHDRAW SUCH WATERS FROM USE OR CURTAIL THE ACTIVITIES ASSOCIATED WITH THE WATERS. THE AUTHORITIES SHALL SET LIMITS FOR HARMFUL SUBSTANCES ACCORDING TO THE INTENDED USE OF THE WATER. THE SPANISH VERSION OF THIS ACT MAY BE FOUND IN EL COMMERCIO, JULY 26, 1969, P. 5.

S AM
PERU
LR(A)

"DEC. 24, 1973 DECREE LAW (EXPROPRIATING CERRO DE PASCO MINING CORPORATION)" EL PERUANA.

SPANISH 12/03/73 PGS 1-2 EPA ID# 01747A
WATER GENERAL

THIS LAW BY THE REVOLUTIONARY GOVERNMENT OF PERU ORDERS THE EXPROPRIATION OF THE MINERAL-METALLURGICAL COMPLEX AND OTHER ASSETS WHICH WERE THE PROPERTY OF CERRO DE PASCO CORP., A PERU SUBSIDIARY OF THE CERRO CORP. THE LAW CITES ALLEGED POLLUTING ACTIVITIES OF THE COMPANY AS THE REASON IN PART FOR THE EXPROPRIATION. THE GOVERNMENT ACCUSES THE CORPORATION OF POLLUTING THE WATERS OF LAKE HUASCACHA AND THOSE OF THE RIVERS RIMAC, MANTARO AND SAN JUAN AND OF FAILING TO CORRECT THE ENVIRONMENTAL CONTAMINATION CAUSED BY ITS FOUNDRY AND METALLURGIC INSTALLATIONS IN THE CITY OF LA OROYA. THE LAW AUTHORIZES THE MINISTRY OF ENERGY AND MINES TO TAKE POSSESSION OF THE CORPORATION.

URUGUAY
LR(A)

"FEB. 8, 1972 RESOLUTION NO. 226/972 TO ESTABLISH A COMMISSION FOR THE STUDY OF ENVIRONMENTAL POLLUTION WITHIN THE MINISTRY OF PUBLIC HEALTH." INT. DIG. OF HLTH., V. 24. WORLD HEALTH ORGANIZATION, COMP EPA
ENGLISH 00/00/73 PGS 688 ID# 01813A
GENERAL

THIS RESOLUTION ESTABLISHES A COMMISSION FOR THE STUDY OF ENVIRONMENTAL POLLUTION WITHIN THE MINISTRY OF PUBLIC HEALTH. THE COMMISSION IS TO MAKE PROPOSALS TO THE GOVERNMENT ON HEALTH MEASURES WHICH IT CONSIDERS WOULD CONTRIBUTE TO PROTECTION OF PUBLIC HEALTH AT THE NATIONAL AND INTERNATIONAL LEVELS AND TO COLLABORATE WITH INTERNATIONAL HEALTH INSTITUTIONS THROUGH THE INTERMEDIARY OF THE INTERNATIONAL AFFAIRS COMMISSION OF THE MINISTRY OF PUBLIC HEALTH. THE DIRECTOR OF THE DEPARTMENT OF ENVIRONMENTAL HEALTH AND A REPRESENTATIVE OF THE ATOMIC ENERGY COMMISSION ARE AMONG THE MEMBERS OF THE NEW COMMISSION. THE SPANISH LANGUAGE ORIGINAL APPEARS IN DIARIO OFICIAL DE LA REPUBLICA ORIENTAL DEL URUGUAY, PART A, FEB. 17, 1972, NO. 18741, P. 338.

URUGUAY
LR(A)

"FEBRUARY 15, 1950 DECREE NO. 1 AMENDING PROVISIONS RELATING TO THE MANUFACTURE, SALE AND USE OF INSECTICIDES AND FUNGICIDES." INT. DIG. OF HLTH. LEG., V. 3. WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/52 PGS 249 ID# 01694A
PESTICIDES

THIS DECREE DEALS WITH THE COMPULSORY INSPECTION BY THE MINISTRY OF PUBLIC HEALTH OF THE INGREDIENTS USED IN INSECTICIDES AND FUNGICIDES, OF THE METHOD OF APPLICATION, WITH LABELING AND ADVERTISING AND WITH THE CERTIFICATE ISSUED UPON SATISFACTORY COMPLETION OF THE INSPECTION. THE OFFICIAL VERSION OF THIS DECREE APPEARS IN DIARIO OFICIAL, MARCH 9, 1950, P. 349.

S AM
URUGUAY
LR(A)

"AUGUST 1, 1956 DECREE APPROVING REGULATIONS CONTROLLING THE SALE OF INSECTICIDES FUNGICIDES AND SIMILAR PRODUCTS FOR AGRICULTURAL USE." FOOD AND AGRICULTURAL LEGISLATION, V. 6. FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 00/00/57 PGS 1-13 ID# 01695A
PESTICIDES

THIS DECREE PROHIBITS URUGUAYAN MANUFACTURERS, IMPORTERS AND/OR DISTRIBUTORS OF INSECTICIDES, FUNGICIDES, PHYTOCIDES AND PHYTOHORMONES AND PRODUCTS FOR SIMILAR AGRICULTURAL USE FROM MARKETING THEM WITHOUT FIRST REGISTERING THEM AND OBTAINING A VENDOR'S LICENSE FROM THE MINISTRY OF STOCKBREEDING AND AGRICULTURE. THE DECREE SETS PROCEDURES FOR LICENSING AND REGISTRATION AND FOR THE LABELING OF THESE PRODUCTS. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL, AUG. 24, 1956, P. 519A.

URUGUAY
LR(A)

"DECEMBER 6, 1956 DECREE REGULATING THE SALE OF INSECTICIDES, FUNGICIDES AND SIMILAR PRODUCTS FOR AGRICULTURAL USE." FOOD AND AGRICULTURAL LEGISLATION, V. 6. FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 00/00/57 PGS 13-16 ID# 01695B
PESTICIDES

THIS DECREE, COMPLEMENTING AND SUPPLEMENTING THE AUG. 1, 1956 DECREE, STATES THAT A SALES LICENSE FOR INSECTICIDES, FUNGICIDES, WEED KILLERS AND OTHER SIMILAR PRODUCTS USED IN AGRICULTURE, WHICH BECAUSE OF THEIR HIGH TOXICITY AND DANGEROUS COMPOSITION PRESENT A RISK TO USERS, MAY BE GRANTED BY THE MINISTRY OF STOCKBREEDING AND AGRICULTURE IN CASES WHERE THE EFFICIENCY OF THE PRODUCT JUSTIFIES IT AND ON THE CONDITIONS PRESCRIBED BY THIS DECREE. THE OFFICIAL TEXT OF THIS DECREE APPEARS IN DIARIO OFICIAL, DEC. 21, 1956, P. 594A.

URUGUAY
LR(A)

"JUNE 6, 1968 DECREE 367/968 LAYING DOWN RULES FOR THE CONTROL OF THE USE OF PESTICIDES USED IN ANIMAL AND PLANT HEALTH." INT. DIG. OF HLTH. LEG., V. 20. WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/69 PGS 852 ID# 01696A
PESTICIDES

THIS DECREE AUTHORIZES THE MINISTRY OF ANIMAL HUSBANDRY AND AGRICULTURE TO REGULATE AND, WHEN NECESSARY, PROSCRIBE THE APPLICATION AND USE OF PESTICIDES EMPLOYED IN THE FIELDS OF ANIMAL AND PLANT HEALTH, WHEN THE MINISTRY CONSIDERS THE PESTICIDES PREJUDICIAL TO PUBLIC HEALTH. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL DE LA REPUBLICA ORIENTAL DEL URUGUAY, PT. A, V. 251, JUNE 12, 1968, P. 536.

S AM
URUGUAY
LR(A)

"DECEMBER 19, 1952 LAW NO. 1 ESTABLISHING AN AUTONOMOUS SERVICE, THE SANITARY WORKS ADMINISTRATION." INT. DIG. OF HLTH. LEG., V. 7.
WORLD HEALTH ORGANIZATION, COMP.
EPA
ENGLISH 00/00/56 PGS 143 ID# 01693A
WATER

THIS LAW ESTABLISHES THE STATE SANITARY WORKS ADMINISTRATION. ITS FUNCTIONS ARE: INSTALLATION OF WATER-SUPPLY SERVICES; DISPOSAL OF WASTEWATERS; AGREEMENTS WITH LOCAL JURISDICTIONS; PLANNING, CONSTRUCTION, AND CONSERVATION OF NECESSARY FACILITIES; AND THE SANITARY CONTROL OF WATERCOURSES. THE SERVICE IS TO BE GUIDED BY CONSIDERATIONS FOR HYGIENE, WITH SOCIAL ISSUES PREVAILING OVER ECONOMIC CONSIDERATIONS. THE OFFICIAL TEXT APPEARS IN DIARIO OFICIAL, JAN. 9, 1953, PT. A, P. 37-40.

VENEZUELA
LR(A)

"APRIL 9, 1975 RESOLUTION NO. G-126 ON THE CREATION OF THE DIVISIONS FOR ENVIRONMENTAL POLLUTION RESEARCH AND ENVIRONMENTAL QUALITY CONTROL." GACETA OFICIAL
EPA
SPANISH 04/09/75 PGS 230.325 ID# 02851A
LSO PMA
GENERAL

IN ORDER TO BETTER COORDINATE AND DEVELOP THE ADMINISTRATIVE AND PLANNING ASPECTS OF ENVIRONMENTAL PROTECTION, THIS RESOLUTION BY THE VENEZUELAN MINISTER OF HEALTH AND SOCIAL WELFARE PROVIDES FOR THE CREATION OF THE DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH AND THE DIVISION FOR ENVIRONMENTAL QUALITY CONTROL WITHIN THE MINISTRY OF HEALTH AND WELFARE. THE DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH, UNDER THE MINISTRY'S DIRECTORATE OF MALARIOLOGY AND ENVIRONMENTAL SANITATION, IS RESPONSIBLE FOR DEVELOPING THE NATIONAL ENVIRONMENTAL POLLUTION RESEARCH PROGRAM. THE CONCLUSIONS, STANDARDS AND OTHER CRITERIA FORMULATED BY THE DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH WILL BE ENFORCED IN PROGRAMS DEVELOPED BY THE DIVISION FOR ENVIRONMENTAL QUALITY CONTROL.

VENEZUELA
LR(B)

"VENEZUELAN PROGRAM FOR THE PROTECTION OF NATURAL RESOURCES." ABC
EPA
SPANISH 06/12/74 PGS 40 ID# 02240A
ALSO PMA
GENERAL

ACCORDING TO THIS NEWSPAPER ARTICLE, VENEZUELAN PRESIDENT, CARLOS ANDRES PEREZ, IN AN ATTEMPT TO REVIVE THE CONSERVATIONAL TRADITIONS STARTED BY HUMBOLDT, CODAZZI AND PITLER, HAS APPEARED ON NATIONAL TELEVISION TO OUTLINE MEASURES TO HALT ECOLOGICAL DETERIORATION AND INDISCRIMINATE USE OF NATURAL RESOURCES IN VENEZUELA. AMONG THE MEASURES CITED, THE PRESIDENT DECREED THE CREATION OF THE NATIONAL COUNCIL FOR CONSERVATION OF NATURAL RESOURCES HEADED BY THE MINISTER OF AGRICULTURE. OTHER LAWS WILL CREATE PARKS AND REGULATE ACTIVITIES AFFECTING THE ECOLOGICAL BALANCE IN THE COUNTRY, INCLUDING THE SUSPENSION OF ALL NEW CONSTRUCTION IN CARACAS PENDING THE FORMULATION OF AN ADEQUATE URBANIZATION PLAN.

S AM
VENEZUELA
LR(A)

"DECREE NO. 112 OF MAY 26, 1974." GACETA OFICIAL

SPANISH 05/27/74 PGS 227.944 EPA ID# 022400
ALSO PMA
GENERAL

IN CONSIDERATION OF INCREASING ENVIRONMENTAL DETERIORATION IN THE COASTAL AND INSULAR AREAS OF VENEZUELA, THIS PRESIDENTIAL DECREE PROVIDES FOR THE CREATION OF A COMMISSION TO MAKE STUDIES AND RECOMMENDATIONS ON THE SITUATION. THIS ENVIRONMENTAL STUDY COMMISSION WILL BE UNDER THE DIRECTION OF THE MINISTRY OF AGRICULTURE AND WILL BE COMPOSED OF REPRESENTATIVES FROM THE MINISTRIES OF INTERIOR RELATIONS, DEFENSE, HEALTH AND SOCIAL ASSISTANCE AND FROM REGIONAL PLANNING OFFICES. WITH AUTHORIZATION TO OBTAIN ASSISTANCE FROM PUBLIC AND PRIVATE CONSERVATION BODIES, THE COMMISSION WILL CONDUCT A SURVEY OF THE HUMAN AND NATURAL ENVIRONMENT ALONG THE COAST AND AMONG THE ISLANDS OF THE COUNTRY AND WILL SUBMIT WITHIN 90 DAYS OF THE PROMULGATION OF THIS DECREE A FINAL REPORT OF ITS RECOMMENDATIONS TO THE PRESIDENT VIA THE MINISTRY OF AGRICULTURE. THE MINISTRIES OF INTERIOR RELATIONS, DEFENSE, HEALTH AND SOCIAL ASSISTANCE, AND AGRICULTURE ARE RESPONSIBLE FOR THE ENFORCEMENT OF THIS DECREE.

VENEZUELA
LR(A)

"DECREE NO. 135 OF JUNE 4, 1974." GACETA OFICIAL

SPANISH 06/07/74 PGS 228.033 EPA ID# 02240E
ALSO PMA AND SE
GENERAL

HAVING BEEN CIRCULATED THROUGH THE VENEZUELAN NATIONAL CONGRESS, THIS PRESIDENTIAL DECREE REQUIRES THE COOPERATION OF NATIONAL, STATE AND MUNICIPAL AUTHORITIES IN PROHIBITING THE INSTALLATION OF NEW INDUSTRIES IN THE CARACAS METROPOLITAN AREA AND IN OTHER SPECIFIED AREAS OF THE COUNTRY. THE CONSTRUCTION IN THESE AREAS OF INDUSTRIES ESSENTIAL FOR PUBLIC SERVICES MUST BE AUTHORIZED BY THE MINISTRY OF DEVELOPMENT AND BY THE RESPECTIVE MUNICIPAL COUNCILS. THE DECREE ALSO PROVIDES FOR THE TRANSFER OF INDUSTRIES FROM THE CARACAS AREA FOR ENVIRONMENTAL OR ECONOMIC REASONS. THE COUNCIL OF MINISTERS IS EMPOWERED TO CREATE INCENTIVES FOR INDUSTRIAL RELOCATION AND TO IMPOSE RELOCATION DEADLINES ON ANY SPECIFIC INDUSTRIAL ESTABLISHMENT. THE PROVISIONS OF THIS DECREE MUST BE SPECIFIED IN BUSINESS AND PLANNING ACTIVITIES TRANSPIRING IN THE DESIGNATED AREAS, AND CONTRAVENTION TO THE DECREE CAN RESULT IN FINES AND CLOSURE OF ESTABLISHMENTS.

S AM
VENEZUELA
LR(A)

"DECREE NO. 111 OF MAY 26, 1974." GACETA OFICIAL, NO. 30.408

SPANISH
GENERAL

EPA
05/27/74 PGS 227943-44 ID# 02240G

THIS DECREE, ONE OF SEVERAL SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA DURING 1974 TO PROVIDE THE LEGAL BASIS FOR THE CONSERVATION OF NATURAL RESOURCES IN VENEZUELA, CREATES THE NATIONAL COUNCIL FOR THE CONSERVATION OF RENEWABLE NATURAL RESOURCES. THE MINISTRY OF AGRICULTURE IS TO SUSTAIN THE OPERATING COSTS OF THE COUNCIL AND IS TO ACT AS THE COUNCIL PRESIDENT WITH THE POWER TO CONVENE MEETINGS. THE 16 ADDITIONAL MEMBERS OF THE COUNCIL, REPRESENTING VARIOUS GOVERNMENT AGENCIES, ARE ALSO SPECIFIED IN THE DECREE AND EXERCISE THEIR FUNCTIONS AD HONOREM. THE COUNCIL IS TO: 1) ADVISE THE NATIONAL EXECUTIVE ON ALL MATTERS RELATING TO THE CONSERVATION, DEVELOPMENT AND USE OF NATURAL RESOURCES, 2) COLLABORATE IN FORMULATING THE NATIONAL PLAN FOR CONSERVATION OF RENEWABLE NATURAL RESOURCES AND IN OTHER CONSERVATIONAL PROGRAMS OF THE MINISTRY OF AGRICULTURE, 3) PROPOSE CANDIDATES FOR STATE CONSERVATION AWARDS, AND 4) PERFORM OTHER DUTIES CONFERRED ON IT BY THE NATIONAL EXECUTIVE.

VENEZUELA
LR(A)

"DECREE NO. 108 OF MAY 26, 1974." GACETA OFICIAL, NO. 30.408

SPANISH
GENERAL

EPA
05/27/74 PGS 227941-42 ID# 02240J

THIS DECREE, ONE OF SEVERAL SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA TO PROVIDE A LEGAL BASIS FOR THE CONSERVATION OF THE NATURAL RESOURCES OF VENEZUELA, RECOGNIZES THE VALUE OF THE EDUCATIONAL SYSTEM IN CONDUCTING ENVIRONMENTAL RESEARCH AND IN CREATING AN ENVIRONMENTAL AWARENESS WITHIN THE POPULATION. IT REQUIRES SPECIAL EMPHASIS TO BE GIVEN TO ENVIRONMENTAL TEACHING IN EDUCATIONAL PROGRAMS, AND THE MINISTRY OF EDUCATION IS MADE RESPONSIBLE FOR DEVELOPING ENVIRONMENTAL PROGRAMS AND SCHOLARSHIPS ON ALL LEVELS OF EDUCATION. THE UNIVERSITIES AND OTHER INSTITUTES OF HIGHER LEARNING ARE TO PROMOTE AND CONDUCT SCIENTIFIC AND TECHNICAL RESEARCH RELATING TO CONSERVATION OF NATURAL RESOURCES. THE MINISTRIES OF DEFENSE, PUBLIC WORKS, AGRICULTURE, AND INTERIOR RELATIONS ARE TO COLLABORATE IN THESE ENDEAVORS LENDING TECHNICAL OR ADMINISTRATIVE ASSISTANCE WHERE NECESSARY. THE CENTRAL OFFICE OF INFORMATION IS RESPONSIBLE FOR THE PROMOTIONAL ASPECTS OF RESOURCES CONSERVATION THROUGH THE PUBLIC COMMUNICATIONS MEDIA.

S AM
VENEZUELA
LR(B)

"COUNTDOWN ON POLLUTION." BUSINESS VENEZUELA
MANN, JOSEPH A.
ENGLISH 08/00/75 PGS 17-26 EPA ID# 03143A
ALSO SE AND PMB
GENERAL

THIS ARTICLE DISCUSSES THE CURRENT STATUS OF ENVIRONMENTAL DETERIORATION IN VENEZUELA. THE STEPS TAKEN SO FAR TO PROTECT THE ENVIRONMENT, AND THE NUMEROUS MEASURES STILL NEEDED TO PROTECT THE NATION'S ENVIRONMENT. MAJOR OBSTACLES TO ENVIRONMENTAL PROTECTION ARE A LARGE NUMBER OF SOCIOECONOMIC FACTORS AND A LACK OF TRAINED PERSONNEL TO POLICE ENVIRONMENTAL RESOURCES AND ENFORCE ENVIRONMENTAL REGULATIONS. SERIOUS POLLUTION PROBLEMS ARISING FROM INDUSTRIAL AND POPULATION GROWTH ARE LOCALIZED IN THE URBAN AND INDUSTRIAL CENTERS AT THE PRESENT TIME, BUT THE POTENTIAL FOR IRREPARABLE ENVIRONMENTAL DAMAGE THROUGHOUT THE COUNTRY IS GREAT IF COUNTERMEASURES ARE NOT TAKEN IN THE EARLY STAGES OF NATIONAL DEVELOPMENT. AN ENVIRONMENTAL BILL IS BEFORE CONGRESS, AND SEVERAL ENVIRONMENTAL PROTECTION DECREES HAVE BEEN PROMULGATED BY PRESIDENT CARLOS ANDRES PEREZ, BUT IT REMAINS TO BE SEEN WHETHER THE LEGAL COMMITMENT TO ENVIRONMENTAL PROTECTION WILL BE SUPPORTED BY THE GOVERNMENT MOBILIZATION NECESSARY FOR COPING WITH ENVIRONMENTAL PROBLEMS.

VENEZUELA
LR(B)

"ENVIRONMENTAL PROTECTION BILL." DEPARTMENT OF STATE AIRGRAM, A-389, AMEMBASSY CARACAS
U.S. DEPT OF STATE
ENGLISH 09/09/73 PGS 1 EPA ID# 01654A
GENERAL AIR WATER

THIS REPORT, PREPARED BY U.S. EMBASSY PERSONNEL IN CARACAS, STATES THAT THE VENEZUELAN GOVERNMENT HAS PREPARED A BILL WHICH IS INTENDED TO PROVIDE THE LEGAL BASIS FOR ESTABLISHING AN ENVIRONMENTAL PROTECTION SYSTEM. THE BILL WOULD CREATE A NATIONAL COUNCIL FOR CONSERVATION, PROTECTION AND IMPROVEMENT. THE COUNCIL WOULD BE COMPOSED OF REPRESENTATIVES OF THE MINISTRIES OF PUBLIC WORKS, EDUCATION, HEALTH, AGRICULTURE, LABOR, MINING AND HYDROCARBONS, OF THE NATIONAL INSTITUTE FOR SANITARY WORKS, OF THE PRESIDENTIAL COORDINATION AND PLANNING OFFICE, OF THE NATIONAL COMMISSION FOR HYDRAULIC RESOURCES, AND OF VARIOUS SCIENTIFIC BODIES. THE BILL WOULD BAN THE DISCHARGE OF CONTAMINANTS INTO THE ATMOSPHERE, INTO WATER, INTO SEWERS OR INTO THE SOIL BY INFILTRATION AND WOULD PROVIDE FOR FINES TO INDUSTRIAL OFFENDERS UP TO HALF A MILLION BOLIVARS AS WELL AS TEMPORARY OR PERMANENT CLOSING OF THE OFFENDING ENTERPRISE. THE REPORT COMMENTS THAT UNTIL NOW THERE HAVE BEEN NO REGULATIONS AGAINST INDUSTRIAL WASTES ENTERING SEWERS AND RIVERS.

VENEZUELA
LR(A)

"DECREE NO. 116 OF MAY 26, 1974." GACETA OFICIAL, NO. 30.408
SPANISH 05/27/74 PGS 227948 EPA ID# 02240H
LAND USE GENERAL

IN VIEW OF THE INCREASING CONGESTION IN CARACAS AND OTHER LARGE URBAN CENTERS OF VENEZUELA AS WELL AS THE FAILURE OF EXISTING REGULATIONS TO PRESERVE GREEN AREAS AROUND THESE CENTERS, THIS DECREE, ONE OF SEVERAL ENVIRONMENTAL PROTECTION MEASURES SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA, ENJOINS THE MINISTRIES OF PUBLIC WORKS, HEALTH AND SOCIAL WELFARE, AGRICULTURE AND HUSBANDRY, AND THE ADMINISTRATION OF THE FEDERAL DISTRICT FROM ISSUING CONSTRUCTION PERMITS WITHIN THE DESIGNATED CONGESTED AREAS UNTIL AN URBAN GROWTH POLICY HAS BEEN FORMULATED. IN ORDER TO FORMULATE SUCH A POLICY, A COMMISSION IS CREATED BY THE DECREE TO MAKE A REPORT AND RECOMMENDATIONS TO THE PRESIDENT ON THE MATTER WITHIN 180 DAYS OF THE PROMULGATION OF THE DECREE. A SPECIAL COMMISSIONER OF THE PRESIDENT PRESIDES OVER THE COMMISSION; OTHER MEMBERS INCLUDE REPRESENTATIVES FROM THE MINISTRIES OF DEVELOPMENT, PUBLIC WORKS, AGRICULTURE AND HUSBANDRY, HEALTH AND SOCIAL WELFARE, CENTRAL AND METROPOLITAN PLANNING OFFICES, AND DISTRICT GOVERNMENTS.

S AM
VENEZUELA
LR(A)

"DECREE NO. 134 OF JUNE 4, 1974." GACETA OFICIAL, NO. 30.418

SPANISH 06/07/74 PGS 228032-33 EPA ID# 02240K
LAND USE

THIS DECREE, ONE OF SEVERAL ENVIRONMENTAL MEASURES SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA DURING 1974, PROVIDES FOR THE DECONGESTION OF INDUSTRIAL AREAS BY OFFERING INCENTIVES FOR THE ESTABLISHMENT OF INDUSTRIES IN ADEQUATELY PLANNED INDUSTRIAL ZONES. THESE INCENTIVES INCLUDE TAX EXEMPTIONS AND THE AVAILABILITY OF SPECIAL ADMINISTRATION AND SERVICES IN INDUSTRIAL ZONES. STATE FINANCIAL ORGANIZATIONS WILL ALSO EXTEND FAVORABLE CREDIT TO INDUSTRIES IN ACCORDANCE WITH THE PROVISIONS OF THIS DECREE. FACTORS DETERMINING THE EXTENT OF INCENTIVES AND CREDIT GRANTED TO ANY INDUSTRY INCLUDE THE NUMBER OF PERSONS EMPLOYED BY THE INDUSTRY IN QUESTION, THE NET VALUE OF PRODUCED GOODS, THE NEEDS OF SUPPLY AND DEMAND, EXPORT CONDITIONS, INDUSTRIAL TECHNOLOGY, AND OTHER SOCIOECONOMIC FACTORS. THE CABINET MINISTERS ARE RESPONSIBLE IN GENERAL FOR THE EXECUTION OF THE PROVISIONS OF THIS DECREE.

VENEZUELA
LR(A)

"DECREE NO. 140 OF JUNE 4, 1974." GACETA OFICIAL, NO. 30.416

SPANISH 06/05/75 PGS 228014-15 EPA ID# 02240L
LAND USE

IN ORDER TO IMPROVE RURAL LIFE IN VENEZUELA AND STEM RURAL MIGRATION TO CONGESTED URBAN AREAS, THIS DECREE, ONE OF SEVERAL ENVIRONMENTAL IMPROVEMENT MEASURES SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA, CREATES THE EXTRAORDINARY PROGRAM FOR RURAL VILLAGE CONSTRUCTION AIMED AT PROVIDING ECONOMIC AND DEVELOPMENTAL AID TO RURAL AREAS OF THE COUNTRY. THIS PROGRAM IS TO BE EXECUTED BY THE DIRECTORATE OF MALARIOLOGY AND ENVIRONMENTAL SANITATION OF THE MINISTRY OF HEALTH AND SOCIAL WELFARE IN COOPERATION WITH LOCAL GOVERNMENTS AND IN CONJUNCTION WITH AGRARIAN REFORM PROGRAMS OF THE NATIONAL AGRARIAN REFORM INSTITUTE. BY MEANS OF THESE PROGRAMS RURAL VILLAGE SITES WILL BE DESIGNATED, ADEQUATE SANITATION AND WATER SUPPLY FACILITIES WILL BE BUILT AS WELL AS SCHOOLS, HOSPITALS AND OTHER COMMUNITY BUILDINGS TO STIMULATE RURAL BUSINESS AND COMMERCE. THE MINISTRIES OF INTERIOR RELATIONS, FINANCE, PUBLIC WORKS, EDUCATION, HEALTH AND SOCIAL WELFARE, AND AGRICULTURE ARE RESPONSIBLE FOR EXECUTING THE PROVISIONS OF THIS DECREE.

S AM
VENEZUELA
LR(A)

"JULY 9, 1968 DECREE ISSUING GENERAL PESTICIDE REGULATIONS." FOOD AND AGRICULTURAL LEGISLATION, V. 18.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP. EPA
ENGLISH 12/00/69 PGS 1-11 ID# 01697A
PESTICIDES

THIS DECREE ASSIGNS TO THE MINISTRY OF HEALTH AND SOCIAL WELFARE RESPONSIBILITY FOR THE CONTROL OF PESTICIDES IN THE PUBLIC HEALTH SPHERE, WITHOUT PREJUDICE TO THOSE FUNCTIONS EXERCISED BY THE MINISTRY OF AGRICULTURE AND LVIESTOCK BREEDING. NO PESTICIDE MAY BE PRODUCED, STORED, TRANSPORTED, IMPORTED, EXPORTED, APPLIED, OR TRADED WITHOUT THE PRIOR ISSUANCE OF A LICENSE BY THE MINISTRY OF HEALTH AND SOCIAL WELFARE, WITH THE APPROVAL OF THE MINISTRY OF AGRICULTURE AND LIVESTOCK BREEDING IN THE CASE OF PESTICIDES USED IN AGRICULTURE, LIVESTOCK BREEDING, AND FORESTRY. THE DECREE CLASSIFIES PESTICIDES IN ACCORDANCE WITH THEIR TOXICITY, SETS PROCEDURES FOR THE LICENSING OF PERSONS TRADING IN PESTICIDES AND FOR THE REGISTRATION OF PESTICIDES, ESTABLISHES RULES FOR THE USE OF PESTICIDES, AND AUTHORIZES THE CONTROL OF ACTIVITIES INVOLVING PESTICIDES. OFFICIAL TEXT APPEARS IN GACETA OFICIAL, JULY 10, 1968, P. 213883-213886.

VENEZUELA
LR(A)

"DECEMBER 18, 1968 DECREE NO. 1290 EMBODYING REGULATIONS CONCERNING CONDITIONS OF HYGIENE AND SAFETY AT WORK." INT. DIG. OF HLTH. LEG., V. 18.
WORLD HEALTH ORGANIZATION, COMP. EPA
ENGLISH 00/00/69 PGS 561 ID# 01698A
RADIATION AIR

THIS DECREE DEALING WITH OCCUPATIONAL HYGIENE AND SAFETY COVERS, AMONG OTHER THINGS, CHEMICAL AND BIOLOGICAL HAZARDS AT PLACES OF EMPLOYMENT AND PROTECTION AGAINST IONIZING RADIATION. THE ENVIRONMENT AT WORKPLACES WHERE OFFENSIVE, TOXIC, OR DANGEROUS CONCENTRATIONS OF DUST, FUMES, GASES OR OTHER EMISSIONS MAY EXIST MUST BE PERIODICALLY EXAMINED TO MAKE SURE THAT THESE CONCENTRATIONS ARE KEPT WITHIN PERMISSIBLE LIMITS (CHAPTER III, PAR VI). THE INTERNATIONALLY ACCEPTED GUIDELINES ON RADIATION PROTECTION ARE GIVEN AND THE MAXIMUM ALLOWABLE DOSES FOR OCCUPATIONALLY EXPOSED EMPLOYEES ARE SPECIFIED (CHAPTER VI, PART VI). THE OFFICIAL TEXT APPEARS IN GACETA OFICIAL, JAN 15, 1969, P. 1-46.

VENEZUELA
LR(A)

"DECREE NO. 901 OF AUGUST 18, 1967 ON THE CREATION OF THE COMMISSION OF THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN (COPLANARH)." GACETA OFICIAL, NO. 28.408
EPA
SPANISH 08/18/67 PGS 763-764 ID# 02170A
ALSO PMA
WATER

THIS DECREE PROVIDES FOR THE CREATION OF THE COMMISSION OF THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN (COPLANARH) WHICH WILL CENTRALIZE ALL ACTIVITIES CONCERNING THE PROTECTION AND DEVELOPMENT OF VENEZUELA'S WATER RESOURCES. THE MEMBERS OF THE COMMISSION WILL BE HIGH RANKING EXECUTIVE OFFICIALS UNDER WHOSE AUTHORITY WILL BE THE EXECUTIVE OFFICE, COMPOSED OF A SECRETARY AND STAFF RESPONSIBLE FOR CONDUCTING RESEARCH IN FORMULATING THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN. THE COMMISSION WILL ALSO INTERACT WITH PUBLIC AND PRIVATE AGENCIES IN THE FORMULATION OF THE PLAN, AND ALL WATER RESOURCES PLANNING MUST BE APPROVED BY THE COMMISSION TO INSURE COMPLIANCE WITH THE PLAN. THE ACTIVITIES OF THE COMMISSION WILL BE FINANCED BY ALLOCATIONS FROM THE MINISTRY OF PUBLIC WORKS. THE MINISTERS OF DEVELOPMENT; PUBLIC WORKS; HEALTH AND SOCIAL SECURITY; AGRICULTURE; AND MINES AND ENERGY ARE RESPONSIBLE FOR IMPLEMENTING THE PROVISIONS OF THIS DECREE.

S AM
VENEZUELA
LR(A)

"DECREE NO. 47 OF MAY 7, 1969 ON THE ENLARGEMENT OF THE COMMISSION OF THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN..." GACETA OFICIAL NO. 28.925

EPA

SPANISH 05/21/69 PGS ID# 021708
ALSO PMA
WATER

THIS DECREE SUPERSEDES DECREE 901 OF AUGUST 18, 1967, WHICH ORIGINALLY PROVIDED FOR THE CREATION AND OUTLINED THE ACTIVITIES OF THE VENEZUELAN COMMISSION OF THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN. THIS NEW DECREE PROVIDES FOR AN INCREASE IN THE MEMBERSHIP OF THE COMMISSION AND SPECIFIES THE PROGRAMS ADMINISTERED BY THE NATIONAL WATER RESOURCES PLAN. INCLUDED AMONG THE PROGRAMS FORMULATED WITHIN THE PLAN ARE THOSE CONCERNING WATER SUPPLY, SEWAGE, IRRIGATION, FLOOD CONTROL, SANITATION, CANALIZATION, RIVER PORTS, HYDROELECTRIC ENERGY, FISH CULTURE, CONSERVATION, AND WATER RECREATION. WITH THE AID OF ITS EXECUTIVE OFFICE, WHICH CONDUCTS RESEARCH IN FORMULATING THE PLAN, THE COMISSION COORDINATES AND MUST APPROVE ALL ACTIVITIES PERTAINING TO THE PROTECTION AND DEVELOPMENT OF VENEZUELA'S WATER RESOURCES. THE COMMISSION IS FINANCIALLY SUPPORTED BY THE MINISTRY OF PUBLIC WORKS. THE MINISTERS OF DEFENSE, DEVELOPMENT, PUBLIC WORKS, HEALTH AND SOCIAL SECURITY; AGRICULTURE; AND MINES AND ENERGY WILL IMPLEMENT THE DECREE.

VENEZUELA
LR(A)

"DECREE NO. 1127 OF NOVEMBER 15, 1972." GACETA OFICIAL, NO. 29.959.

EPA

SPANISH 11/17/72 PGS 185-188 ID# 02170C
WATER

THIS DECREE STATES THAT THE COMMISSION FOR THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN WILL BE RESPONSIBLE FOR COORDINATING THE DEVELOPMENT OF VENEZUELA'S WATER RESOURCES. THE ACTIVITIES AND PLANNING OF ALL PUBLIC BODIES MUST CONFORM TO THE WATER RESOURCES DEVELOPMENT PLAN. THE ACTIVITIES AND PLANNING OF PRIVATE ORGANIZATIONS WILL BE REGULATED BY LAWS WHICH CONFORM TO THE PLAN. THE DECREE LISTS THE SPECIFIC RESPONSIBILITIES OF THE COMMISSION AND PUBLIC BODIES IN FORMULATING AND ADMINISTERING THE PLAN AND ALSO PROVIDES FOR THE CREATION OF LAWS AND PROGRAMS TO REGULATE THE USE OF THE COUNTRY'S WATER RESOURCES.

VENEZUELA
LR(B)

"DECREE NO. 110 OF MAY 26, 1974." GACETA OFICIAL, NO. 30.413

EPA

SPANISH 06/01/74 PGS ID# 022408
WATER SOLID WASTE

IN CONSIDERATION OF SERIOUS POLLUTION AND ECOLOGICAL DAMAGE OCCURRING ON OFFSHORE ISLANDS AND ALONG THE COAST OF VENEZUELA, THIS DECREE BY THE VENEZUELAN PRESIDENT PROHIBITS THE DESTRUCTION OF MANGO AND CORAL-TREE GROVES, DREDGING OF COASTAL WATERS AND DISCHARGES OF WASTEWATER INTO THESE AREAS. ALSO PROHIBITED IN THESE AREAS ARE LANDFILL ACTIVITIES AND CONSTRUCTION OF LAKE SURFACE DWELLINGS. THE CONSTRUCTION OF HOUSE BOATS MUST BE APPROVED BY A PERMIT FROM THE MINISTRY OF HEALTH AND SOCIAL SECURITY AND THE MINISTRY OF AGRICULTURE. THE MINISTRIES OF INTERIOR RELATIONS, DEFENSE, AND AGRICULTURE ARE RESPONSIBLE FOR THE ENFORCEMENT OF THIS DECREE.

S AM
VENEZUELA
LR(A)

"DECREE NO. 406 OF SEPTEMBER 10, 1974." GACETA OFICIAL, NO. 30.496
EPA
SPANISH 09/10/74 PGS 228782-83 ID# 02240M
WATER LAND USE

IN VIEW OF THE INCREASING ENVIRONMENTAL DETERIORATION ALONG THE BANKS OF RIVERS, LAKES, LAGOONS, AND MARSHES IN VENEZUELA DUE TO URBANIZATION AND INDUSTRIAL ACTIVITY, THIS DECREE, ONE OF SEVERAL ENVIRONMENTAL IMPROVEMENT MEASURES SIGNED INTO LAW BY THE PRESIDENT OF VENEZUELA, CREATES AN AD HONOREM ADVISORY COMMISSION TO THE PRESIDENT CHARGED WITH: CONDUCTING THE NECESSARY STUDIES TO GAIN AN ACCURATE INSIGHT ON THE STATUS OF THE RIPARIAN ENVIRONMENT; FORMULATING PRIORITIES FOR AREAS OF RESEARCH; AND MAKING PERTINENT RECOMMENDATIONS FOR RIPARIAN USE AND IMPROVEMENT. COMPRISED OF REPRESENTATIVES FROM VARIOUS MINISTRIES, PLANNING AND RESEARCH AGENCIES, AND ECOLOGICAL SOCIETIES, THE COMMISSION IS TO WORK, THROUGH ITS SUBCOMMISSIONS, IN COOPERATION WITH LOCAL GOVERNMENTS, UNIVERSITIES, REGIONAL CORPORATIONS, AND RIPARIAN USERS IN ANALYZING SPECIFIC CASES OF RIPARIAN DETERIORATION. THE COMMISSION'S REPORTS AND RECOMMENDATIONS ARE TO BE MADE QUARTERLY TO THE PRESIDENT THROUGH THE MINISTRY OF AGRICULTURE.

VENEZUELA
PM(A)

NOTICIERO DISCA (BULLETIN OF DISCA - DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH), NO. 1
VENEZUELA. MINISTRY OF HEALTH AND SOCIAL WELFARE EPA
SPANISH 08/00/75 PGS 1-5 ID# 03047A
ALSO PMB AND SE
GENERAL WATER AIR SOLID WASTE

NOTICIERO DISCA IS A BULLETIN PUBLISHED BY THE DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH (DISCA) OF THE VENEZUELAN MINISTRY OF HEALTH AND SOCIAL WELFARE TO PROVIDE INFORMATION ON ENVIRONMENTAL PROTECTION ACTIVITIES IN VENEZUELA. THIS INITIAL ISSUE OF THE BULLETIN SERVES AS AN INTRODUCTION TO THE STATUS OF THE VENEZUELAN ENVIRONMENT, DISCUSSES THE CREATION, FUNCTIONS, AND OBJECTIVES OF DISCA, AND DESCRIBES ENVIRONMENTAL RESEARCH STUDIES IN PROGRESS RELATING TO THE POLLUTION OF LAKE MARACAIBO, AIR POLLUTION IN CARACAS, SOLID WASTE COLLECTION AND DISPOSAL IN ISLA DE MARGARITA, ENVIRONMENTAL DANGERS CAUSED BY PETROCHEMICAL WORKS, AND OTHER AREAS OF ENVIRONMENTAL CONCERN. ENVIRONMENTAL COOPERATION BETWEEN VENEZUELA AND INTERNATIONAL ORGANIZATIONS SUCH AS THE UN DEVELOPMENT PROGRAM, PAN AMERICAN HEALTH ORGANIZATION AND UNEP IS ALSO CITED IN THE BULLETIN, AND THE MONETARY INVESTMENTS OF VARIOUS GOVERNMENT AGENCIES IN ENVIRONMENTAL PROTECTION ARE LISTED.

S AN
VENEZUELA
PN(B)

INFORME FINAL DEL PRIMER CONGRESO NACIONAL DE CIENCIA Y TECNOLOGIA. TOMO I.
(FINAL REPORT OF THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY. VOL. I)
VENEZUELA. NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY EPA
SPANISH 07/00/75 PGS 1-82 ID# 03359A
ALSO SE AND ST
GENERAL

THIS VOLUME CONTAINS THE GENERAL REPORT OF THE PROCEEDINGS OF THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY IN VENEZUELA, HELD IN JULY 1975 IN ACCORDANCE WITH PRESIDENTIAL DECREE NO. 582 (1974). THE PURPOSE OF SUCH CONGRESSES IS TO VITALIZE THE EXCHANGE OF IDEAS AND INFORMATION WITHIN GOVERNMENT, INDUSTRY AND THE SCIENTIFIC COMMUNITY IN ORDER TO FORMULATE A BASIS FOR IMPLEMENTING A SCIENTIFIC AND TECHNICAL POLICY IN NATIONAL DEVELOPMENT ACTIVITY. THE REPORT LISTS THE SPONSORS OF THE CONGRESS, DESCRIBES ITS PROGRAM AND FORMAL PROCEEDINGS AND, IN ANNEXES, LISTS THE PARTICIPATING INDIVIDUALS AND ORGANIZATIONS. TOPICS OF DISCUSSION AND TITLES OF WORKING DOCUMENTS, WHICH ARE PUBLISHED IN FULL IN SUBSEQUENT VOLUMES OF CONGRESS PROCEEDINGS. AREAS OF INTEREST COVERED DURING THE CONGRESS INCLUDE AGRICULTURE, MARINE SCIENCES, ECOLOGY, ENVIRONMENTAL DISEASES, INDUSTRY, METALLURGY, NUTRITION, ENERGY RESOURCES, COMMUNICATIONS, AND URBANIZATION.

VENEZUELA
PN(B)

FINAL REPORTS OF GENERAL AND SECTORAL TOPICS. NATIONAL CONGRESS OF SCIENCE
AND TECHNOLOGY, VOL. II EPA
VENEZUELA. CONGRESO NACIONAL DE CIENCIA Y TECNOLOGIA 07/00/75 PGS 1-679 ID# 03359B
SPANISH
ALSO SE AND ST
GENERAL

THIS VOLUME CONTAINS THE FINAL REPORTS OF THE VARIOUS WORKING GROUPS OF THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY HELD IN CARACAS, VENEZUELA IN JULY 1975. THE REPORTS IN THIS VOLUME, COMPILED FROM THE WORKING PAPERS SUBMITTED DURING THE CONGRESS, SET FORTH RECOMMENDATIONS AND TERMS OF REFERENCE FOR THE DEVELOPMENT AND ADMINISTRATION OF SCIENCE AND TECHNOLOGICAL POLICIES IN VENEZUELA AS WELL AS FOR THE DEVELOPMENT OF SUCH POLICIES TO THE VARIOUS AREAS OF CONCERN IN NATIONAL DEVELOPMENT, SUCH AS APPLICATION OF SCIENCE AND TECHNOLOGICAL DISEASES, INDUSTRY, NUTRITION AND FOOD, ENERGY RESOURCE DEVELOPMENT, AGRICULTURE, MARINE SCIENCES, ECOLOGY, ENVIRONMENTAL URBANIZATION, ENVIRONMENTAL REPORTS CONTAINED IN THIS VOLUME INCLUDE: "AGRICULTURAL ECOLOGY," "POLLUTION AND CONTAMINATION," "ECOLOGY OF FORESTS AND SAVANNAS," "AQUATIC RESOURCES," "WILDLIFE," AND "HUMAN ECOLOGY."

S AM
VENEZUELA
PM(8)

WORKING PAPERS ON SECTORAL TOPICS OF THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY, VOL. V
VENEZUELA. CONGRESO NACIONAL DE CIENCIA Y TECNOLOGIA EPA
SPANISH 07/00/75 PGS 1-650 ID# 03359C
ALSO SE AND ST
GENERAL

THIS VOLUME CONTAINS WORKING PAPERS IN THE AREAS OF AGRICULTURE, MARINE SCIENCES AND ECOLOGY SUBMITTED TO THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY HELD IN CARACAS, VENEZUELA IN JULY 1975. THESE PAPERS ANALYZE THE CURRENT CONCEPTS AND PROBLEMS IN THE MANAGEMENT OF AGRICULTURAL ACTIVITIES, MARINE SCIENCES AND THE ECOLOGY IN LIGHT OF RAPID NATIONAL DEVELOPMENT AND OFFER GUIDELINES AND MODELS FOR ACHIEVING A BALANCE BETWEEN ENVIRONMENTAL PROTECTION AND RESOURCE USE IN VENEZUELA. THE FORMULATION OF SCIENTIFIC AND TECHNICAL PLANNING IN AGRICULTURE AND STRATEGIES FOR THE BEST MANAGEMENT AND PROTECTION OF MARINE RESOURCES ARE GIVEN IN ADDITION TO THE ENVIRONMENTAL ASPECTS OF NATIONAL DEVELOPMENT AS DISCUSSED UNDER THE FOLLOWING TITLES: "ANALYSIS OF ECOLOGICAL SYSTEMS," "ALTERNATIVES TO ECO-DEVELOPMENT," "POLLUTION," "LAND ECOSYSTEMS AND NATURAL AREAS," "ECOLOGY OF SAVANNAS," "AQUATIC RESOURCES," "WILDLIFE," AND "HUMAN ECOLOGY IN ECOLOGY AND DEVELOPMENT."

VENEZUELA
PM(8)

WORKING PAPERS ON SECTORAL TOPICS OF THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY, VOL. VI
VENEZUELA. NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY EPA
SPANISH 00/00/75 PGS 1-763 ID# 03359D
ALSO SE
PESTICIDES TOXIC SUBS WATER AIR

THIS VOLUME CONTAINS THE WORKING PAPERS IN THE SUBJECT AREAS OF ENVIRONMENTAL DISEASES AND NAVAL INDUSTRIES, SUBMITTED TO THE FIRST NATIONAL CONGRESS ON SCIENCE AND TECHNOLOGY HELD IN CARACAS, VENEZUELA IN JULY 1975. IN LIGHT OF THE RAPID NATIONAL DEVELOPMENT IN VENEZUELA, THESE PAPERS DESCRIBE THE CURRENT SITUATION AND TERMS OF REFERENCE REGARDING ENVIRONMENTAL DISEASES IN THE COUNTRY AND SET FORTH RECOMMENDATIONS FOR IMPLEMENTING SCIENTIFIC AND TECHNOLOGICAL POLICIES FOR CONTROLLING DISEASES AND OTHER ENVIRONMENTAL HEALTH HAZARDS, INCLUDING THE DETRIMENTAL EFFECT OF ENVIRONMENTAL POLLUTANTS, ESPECIALLY PESTICIDES AND TOXIC SUBSTANCES, ON HUMAN HEALTH. SPECIFICALLY, WORKING PAPERS OF ENVIRONMENTAL SIGNIFICANCE CONTAINED IN THIS VOLUME ARE ENTITLED: "ENVIRONMENTAL POLLUTION AND ITS INFLUENCE ON HEALTH," "POLLUTION AND THE EXTERNAL ENVIRONMENT," "EVALUATION OF THE TOXICITY OF HOUSEHOLD AND COSMETIC PRODUCTS," "POLLUTION IN THE WORKING ENVIRONMENT," AND "PNEUMOCONIOSIS."

S AM
VENEZUELA
PM(B)

EL CENTRO DE INVESTIGACIONES SOBRE CONTAMINACION AMBIENTAL (CISCA) (THE RESEARCH CENTER FOR ENVIRONMENTAL POLLUTION)
VENEZUELA. MINISTRY OF HEALTH AND SOCIAL WELFARE EPA
SPANISH 11/00/72 PGS 1-21 ID# 01500A
ALSO SE
WATER AIR

THIS PAPER, PREPARED BY THE ADMINISTRATION FOR MALARIOLOGY AND ENVIRONMENTAL DRAINAGE OF THE VENEZUELAN MINISTRY OF HEALTH AND SOCIAL WELFARE, OUTLINES THE ESTABLISHMENT OF THE RESEARCH CENTER FOR ENVIRONMENTAL POLLUTION, ITS OBJECTIVES, LEGAL BASES, GENERAL POLICY LINES, ITS STRUCTURE AND FUNCTIONS, AND ITS RESOURCES. THE CENTER'S LONG-TERM PLANS CALL FOR SETTING UP AN INTEGRATED RESEARCH PROGRAM, PROTECTING AND IMPROVING THE HEALTHFUL QUALITY OF THE ENVIRONMENT, COORDINATING AND DEVELOPING PERTINENT HUMAN AND MATERIAL RESOURCES, AND ADVISING THE NATIONAL GOVERNMENT ON THE PROBLEMS OF ENVIRONMENTAL QUALITY. SHORT-TERM PROGRAMS INCLUDE A SURVEY OF THE CURRENT SITUATION, RESEARCH TO DETERMINE VIABLE SOLUTIONS TO ENVIRONMENTAL PROBLEMS, ELABORATION OF STANDARDS, AND THE DEVELOPMENT OF EDUCATION AND INFORMATIONAL PROGRAMS. APPENDED TO THE PAPER ARE TABLES LISTING PROGRAMED ACTIVITIES, THEIR LOCATIONS, DURATION, AND DATES SET TO BEGIN.

VENEZUELA
PM(A)

VENEZUELA: BASES DE UNA POLITICA HIDRAULICA. (VENEZUELA: BASES FOR A WATER RESOURCES DEVELOPMENT POLICY)
AZPURUA Q., PEDRO P. AND CECILIA SOSA DE MENDOZA EPA
SPANISH 08/00/72 PGS 1-136 ID# 02160A
ALSO PMB, LRB AND SE
WATER

THIS BOOK STUDIES VENEZUELA'S WATER RESOURCES DEVELOPMENT POLICY IN DETAIL, AND ALTHOUGH PUBLISHED IN SPANISH, IT ALSO CONTAINS A CONDENSED VERSION IN ENGLISH. CHAPTER I OF THIS STUDY DESCRIBES THE GENERAL CONCEPTS AND WATER PLANNING ORGANIZATION WHICH HAVE BEEN EMBODIED IN THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN. THE BACKGROUND, CONTENTS, CHARACTERISTICS, OBJECTIVES AND STRATEGIES OF THIS PLAN ARE DISCUSSED IN CHAPTER II. THE PROVISIONS OF THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN NECESSARILY CONTAIN THE POLICIES OF WATER RESOURCE DEVELOPMENT IN THEIR FINANCIAL, ADMINISTRATIVE, LEGAL AND ECONOMIC ASPECTS WHICH ARE DISCUSSED AT LENGTH IN CHAPTER III.

S AN
VENEZUELA
PM(B)

PLAN NACIONAL DE APROVECHAMIENTO DE LOS RECURSOS HIDRAULICOS. (NATIONAL WATER RESOURCES DEVELOPMENT PLAN). V. I AND 2
VENEZUELA NATIONAL WATER RES. DEVELOPMENT PLAN COMMISSION EPA
SPANISH 11/00/72 PGS 3-188* ID# 021608
ALSO SE/*ALSO PP. 3-375
WATER

DIVIDED INTO TWO VOLUMES. THIS OFFICIAL DOCUMENT OF THE VENEZUELAN COMMISSION FOR THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN (COPLANARH) SETS FORTH GUIDELINES FOR VENEZUELA'S WATER RESOURCES DEVELOPMENT POLICY. VOLUME I DISCUSSES IN DETAIL THE BACKGROUND, GEOGRAPHIC DESCRIPTIONS, OBJECTIVES, DEFINITIONS, CHARACTERISTICS, ANTI-POLLUTION STRATEGIES, MONITORING AND OTHER ATTRIBUTES OF THE PLAN ITSELF. VOL. I ALSO REPRINTS VARIOUS OFFICIAL DECREES WHICH PROVIDED FOR THE CREATION AND ENFORCEMENT OF THIS PLAN. VOL. II ELABORATES ON VENEZUELA'S BASIC WATER RESOURCES DATA WHICH AFFECT THE ENFORCEMENT OF THE PLAN. THESE DATA INCLUDE AVAILABILITY, QUALITY, AND USE OF WATER; THE BALANCE OF WATER IN THE COUNTRY; AND LEGAL ADMINISTRATION OF WATER RESOURCES.

VENEZUELA
PM(B)

INTEGRAL STUDY TO DETERMINE THE STATUS OF POLLUTION ALONG CENTRAL COASTAL BEACHES
PARRA PARDI, GUSTAVO, AND OTHERS EPA
SPANISH 00/00/72 PGS 1-97 ID# 02849A
WATER

THIS RESEARCH REPORT, PUBLISHED BY THE VENEZUELAN MINISTRY FOR HEALTH AND WELFARE FOR PRESENTATION AT THE 13TH INTER-AMERICAN SANITARY ENGINEERING CONGRESS IN AUGUST 1972, ATTEMPTS TO DETERMINE ACCURATELY THE DEGREE OF POLLUTION IN MARINE WATERS ALONG THE CENTRAL COASTAL REGION OF VENEZUELA. PART ONE OF THE REPORT GIVES A DESCRIPTION OF THE PRESENT CONDITIONS IN THE STUDIED REGION, DISCUSSING PHYSICAL CHARACTERISTICS, RESEARCH METHODS, BACTERIOLOGICAL CONTENT OF REGIONAL WATERS, POLLUTION SOURCES, ANALYSES AND CONCLUSIONS. THE SECOND PART OF THE REPORT ATTEMPTS TO DETERMINE THE ACTUAL AND FUTURE VOLUME OF POLLUTION TO WHICH THIS REGION IS SUBJECTED AS WELL AS THE EFFICIENCY OF VARIOUS SUBMARINE DISCHARGE SYSTEMS IN THE REGION. SPECIFIC CHAPTERS IN THIS PART OF THE REPORT DISCUSS RESEARCH METHODOLOGY, VOLUME AND CHARACTERISTICS OF EFFLUENTS, FUTURE PROJECTIONS OF WASTEWATER DISCHARGE AND THE EFFECT OF THE VARIOUS SUBMARINE DISCHARGE SYSTEMS IN POLLUTING COASTAL WATERS.

S AM
VENEZUELA
PM(B)

INTEGRAL SANITARY STUDY OF THE YARACUY RIVER (ESTUDIO SANITARIO INTEGRAL DEL RIO YARACUY)
PARRA PARDI, GUSTAVO
SPANISH
WATER

EPA
00/00/74 PGS 1-341 ID# 02852A

THIS REPORT, PUBLISHED BY THE DIRECTORATE OF MALARIOLOGY AND ENVIRONMENTAL SANITATION OF THE VENEZUELAN MINISTRY OF HEALTH AND WELFARE, REPRESENTS AN IN-DEPTH POLLUTION STUDY OF THE YARACUY RIVER IN VENEZUELA. BY PRECISELY DETERMINING THE STATE OF POLLUTION AND THE AUTOPURIFICATION CAPACITY OF THE YARACUY RIVER AS WELL AS FORMULATING PRACTICAL CRITERIA FOR CONTROLLING WASTEWATER DISCHARGES INTO THE RIVER, THIS REPORT IS TO SERVE AS A NATIONAL GUIDELINE FOR STUDYING AND CONTROLLING POLLUTION IN ALL VENEZUELAN RIVERS AND LAKES. SPECIFIC CHAPTERS IN THE REPORT DISCUSS AND ANALYZE THE FOLLOWING TOPICS: METHODOLOGY AND ANALYSIS OF RESEARCH, DEPOLLUTION ACTIVITIES BEING CARRIED OUT ON THE RIVER, CHARACTERISTICS AND USES OF THE YARACUY RIVER, POLLUTION SOURCES, AND PUBLIC WATER SUPPLY OBTAINED FROM THE RIVER. SUMMARIES, CONCLUSIONS AND RECOMMENDATIONS ARE CONTAINED IN THE REPORT AS WELL AS TABULATED INFORMATION, APPENDIXES AND A BIBLIOGRAPHY.

VENEZUELA
PM(A)

CONTAMINACION AMBIENTAL EN VENEZUELA (ENVIRONMENTAL POLLUTION IN VENEZUELA)
RIVAS MIJARES, GUSTAVO, AND OTHERS
SPANISH
ALSO PMB, SE AND ST
WATER AIR PESTICIDES SOLID WASTE LAND USE

EPA
03/09/73 PGS 1-182 ID# 03121A

THIS PUBLICATION IS A PARTIAL COMPILATION OF PAPERS PRESENTED AT THE FORUM ON ENVIRONMENTAL POLLUTION HELD IN CARACAS, VENEZUELA DURING NOVEMBER 1971. THE FORUM WAS SPONSORED BY THE VENEZUELAN FOUNDATION FOR COMMUNITY AND MUNICIPAL DEVELOPMENT IN COLLABORATION WITH THE PAN AMERICAN SANITARY BUREAU, THE MINISTRY OF HEALTH AND SOCIAL WELFARE, THE COMMISSION FOR THE NATIONAL WATER RESOURCES DEVELOPMENT PLAN, THE NATIONAL SANITATION WORKS INSTITUTE AND THE SANITARY ENGINEERING DEPARTMENT OF THE CENTRAL UNIVERSITY OF VENEZUELA. THE PAPERS CONTAINED IN THE PUBLICATION DISCUSS THE ACTIVITIES OF THESE ORGANIZATIONS IN RELATION TO THE ACTUAL ENVIRONMENTAL SITUATION IN VENEZUELA AND IN RELATION TO RECOMMENDED ENVIRONMENTAL PROTECTION MEASURES TO BE IMPLEMENTED WITHIN THE MUNICIPALITIES. SPECIFIC TOPICS IN THESE PAPERS INCLUDE POLLUTION OF WATER IN GENERAL, POLLUTION OF RIVERS, LAKES AND BEACHES, AIR POLLUTION FROM FIXED AND MOBILE SOURCES, THE PAN AMERICAN AIR MONITORING NETWORK, AND POLLUTION OF THE SOIL.

NORTH AMERICA - SOUTH AMERICA

Abstracts are indexed according to the following subject headings, which reflect the major EPA program areas: GENERAL, AIR, LAND USE, NOISE, PESTICIDES, RADIATION, SOLID WASTE, TOXIC SUBSTANCES, WATER. Most abstracts are listed under only one subject heading; however, those abstracts to which more than one subject designation have been assigned are indexed under those additional headings as well.

Numbers of the form 00364A are the identification numbers assigned to documents abstracted for the documents exchange program of the EPA Office of International Affairs. Numbers in parentheses indicate the pages on which abstracts of these documents appear in the present volume.

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